Board of Trustees

Ohio University

Lancaster Campus

Minutes

March 2, 2006
MINUTES OF THE MEETING OF

THE BOARD OF TRUSTEES OF OHIO UNIVERSITY

Thursday, March 2, 2006

Ohio University, Lancaster Campus
# THE OHIO UNIVERSITY BOARD OF TRUSTEES
## MINUTES OF March 2, 2006 MEETING

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ROLL CALL

Eight Trustees were present – Chairman R. Gregory Browning, C. Daniel DeLawder, Norman E. "Ned" Dewire, C. Robert Kidder, M. Marnette Perry, Larry L. Schey, C. David Snyder, and Robert D. Walter.

Student Trustees Micah Mitchell and Aslyne Rodriguez were present as was National Trustee Charles R. Stuckey, Jr.

Also attending the session were President Roderick J. McDavis, Board Secretary Alan H. Geiger, and Susan A. Ackerman, Chair, National Alumni Board of Directors.

APPROVAL OF THE MINUTES OF THE MEETING of December 14, 2005
(Previously distributed)

Dr. DeWire moved approval of the previously distributed minutes. Mr. Kidder seconded the motion. All agreed.

COMMUNICATIONS, PETITIONS, AND MEMORIALS

Secretary Geiger stated there were none to report.

ANNOUNCEMENTS

Secretary Geiger stated there were no announcements. However, at the conclusion of the meeting, Trustees thanked Lancaster Campus Dean, Dr. MaryAnn Janosik, and the faculty, students, and staff for hosting the Trustees. The opportunity to visit the regional campuses is beneficial in understanding the reach of the University across Southeastern Ohio and the opportunities it provides for many citizens.
President Roderick J. McDavis began by reviewing his goals for the Academic Year 2005/2006. He focused on his efforts toward implementing Vision Ohio initiatives, the formulation of an administrative team, development activities, matters of personal and civic responsibility as they relate to alcohol abuse, and support of the new campus master plan.

President McDavis took pleasure in reciting the recent national recognitions several of our students received, the high conference graduation rates of the men's and women's athletic teams, and the launching of a significant redirection and initiative—the establishment of the Office for University Outreach and Regional Campuses, formerly the Office of Regional Higher Education.

The President noted applications and admits are up as is the academic profile of the entering class.

President McDavis reported on the status of academic and administrative searches and introduced newly appointed Vice President for Finance and Administration, Chief Financial Officer, and Treasurer William Decatur. Mr. Decatur officially begins these responsibilities on March 20th.

The President concluded his report by reviewing the need for the proposed budget realignment stating the budget for 2006/2007 would be presented to the Trustees for consideration at the April meetings. He indicated the need for the realignment was twofold: first, to eliminate the recurring operating debt, and second, to provide funding for the reinvestment and reallocation to areas critical to strategic priorities and development of potential sources of new revenue. Dr. McDavis utilized a series of graphs and charts to explain the need, necessity, and the projected outcomes. A copy of the President's report is included in the minutes so the detail of the information can be reviewed.
PRESIDENT'S REPORT

The Ohio University Board of Trustees Meeting

March 2, 2006
Presidential Goals for 2005-2006

• Implement Vision OHIO
  – Initiate Revision Process for the General Education Program
  – Identify Graduate Programs and Research Areas for Selective Investments
  – Increase Access and Opportunity through Urban and Appalachian Scholars Programs
  – Distribute Publications Nationally to Promote OHIO’s Academic and Research Excellence
  – Increase Enrollment of Minority Students and Out-of-State Students
Presidential Goals (continued)

• Complete Senior-Level Administrative Position Searches

• Raise $10 Million to Build the Integrated Learning and Research Facility which will Strengthen OHIO’s Interdisciplinary Research Initiatives

• Promote Personal and Civic Responsibility to All Members of Our Community and Implement a Plan to Decrease Alcohol Abuse

• Complete Campus Master Plan
National Recognition

• Journalism Students Tiffany Bowden and Erin Joyner Selected for American Advertising Federation Most Promising Minority Students Program
  – Only 51 Finalists and a Small Selection of Honor Roll Students Selected from a National Pool of Nominated Students
  – Both Students to be Featured in USA Today and Advertising Age

• Record Number of 15 Ohio University Students Recommended to Final Round of Fulbright U.S. Student Program Competition

• University's College of Business Global Competitiveness Program honored by the Association to Advance Collegiate Schools of Business with a second place award for "Innovation in Business Education"
OHIO Athletics Recognition

- NCAA Statistics Report OHIO Athletics posted one of the Top Graduation Rates of the Mid-American Conference
  - At 92 percent, OHIO Graduation Rate is Third Best Among MAC Schools and Two Percentage Points Behind Leader
  - Three Teams – Women’s Golf, Men’s Swimming and Diving, and Men’s Golf – Boasted 100 Percent Graduation Success Rates
Office of University Outreach

- Outgrowth of Vision OHIO – Opportunity to Centralize our Internal and External Partnership Information
- Outreach Office will Support Partnerships, Research, and Outreach Activities
- Accountable for our Outreach Activities
- If Approved, the New Office will be Administered by Dr. Charles Bird, who will become the Vice President for University Outreach and Regional Campuses
Admissions Update (as of 2/27)

- Freshman Applications and Admits are Up
  - 300 Applications and 250 Admits
  - Improvement in Profile Corresponds to Gateway Scholarship (ACT > 24)
  - Need to Continue Yield Activities
- Transfer Applications and Admits are Up
  - About 30
- Graduate Applications and Admits are Up
  - About 100 (processing earlier than last year)
Enrollment Update

• Projections for Fall 2006
  – Undergraduate Enrollment Expected to Equal 2005
    • Admissions Numbers are Strong
    • Need to Improve Retention
    • Retention Necessary for Stable Enrollment
  – Graduate Enrollment Expected to Grow from 2005
Appointments/Searches

• Vice President for Finance and Administration, Chief Financial Officer, and Treasurer
  – Bill Decatur

• Vice President for Student Affairs

• Vice President for University Advancement, President and CEO of The Ohio University Foundation
Personal and Civic Responsibility

- Recommendations were Developed to Reduce High-Risk Drinking and Promote Personal and Civic Responsibility
- CARDD and the Alcohol Response Protocol Task Force Drafted the Recommendations
- Feedback being Solicited from Different Groups on Appropriateness of these Strategies
- "Day of Dialogue: Addressing High-Risk Alcohol Use at Ohio University" was held February 21st
  - Community Meeting Engaged a Wider Circle of University and Local Community Members in a Discussion of the Recommendations
- Comprehensive Strategy to be Implemented in Fall 2006
Campus Master Plan

- Master Plan will Support Vision OHIO Goals by Addressing Campus Facility and Infrastructure Needs
- The Three Phases include Data Collection, Idea Formulation, and Recommendations
- Goal is to Create an Adaptable Plan that can Grow with the Needs of the University
- Continue to Emphasize the Residential Campus Beauty and Accessibility
Alumni Events/Development Trips

- Cincinnati, OH
- St. Louis, MO
- Fort Myers, FL
- Charlotte, NC
Public Relations/Community Relations

• 28 Speaking Engagements
• 20 Receptions/Luncheons for Community and Faculty Members and Students
• 16 Press Briefings/Conferences/Media Interviews
• 16 Meetings with Government Officials
• 16 Higher Education Council/MAC Meetings/Conference Calls
• 15 Community Meetings/Events
Budget Realignment Plan

- The First Reason for the Budget Realignment Plan is to Reduce the Deficit
- The Second Reason is to Provide Funding for Reinvestment and Reallocations to Areas Crucial to Strategic Priorities and Areas for Potential Revenue Generation

- The Implementation of Vision OHIO Requires:
  - Identification of Funds to Support Strategic Investments and Institutional Priorities
  - Strategic Investments in Key Areas: Undergraduate Education, Graduate Education, Research Priorities, and Faculty Lines

- Strategies to Identify Sources of Reinvestment Funds are Based on the Following Areas:
  - Conceptual Analysis of Programs and Services Central to Vision OHIO
  - Functional Analysis of the Effectiveness and Efficiency of these Programs and Services
**Budget Construction/Projection**

### Starting Budget

<table>
<thead>
<tr>
<th>Year</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
<th>05-06</th>
<th>06-07</th>
<th>07-08</th>
<th>08-09</th>
<th>09-10</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>244,130</td>
<td>258,764</td>
<td>267,139</td>
<td>283,083</td>
<td>311,535</td>
<td>320,895</td>
<td>339,080</td>
<td>353,763</td>
<td>368,998</td>
</tr>
</tbody>
</table>

Everything in thousands of dollars (000)

### Assumptions

- 45% driven by tuition increase
- 3% increase
- 6% increase
- 5% tuition
- 1% scholarship
- flat subsidy (could decline)
- rest basically flat

### Cost Changes

<table>
<thead>
<tr>
<th>Item</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
<th>05-06</th>
<th>06-07</th>
<th>07-08</th>
<th>08-09</th>
<th>09-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships/Fee Waivers</td>
<td>3,528</td>
<td>4,642</td>
<td>8,506</td>
<td>5,542</td>
<td>2,977</td>
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<td>3,711</td>
<td>3,788</td>
<td>3,850</td>
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<td>Compensation</td>
<td>7,024</td>
<td>6,820</td>
<td>6,937</td>
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<td>5,703</td>
<td>9,507</td>
<td>8,664</td>
<td>9,839</td>
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<tr>
<td>POM/Utilities</td>
<td>1,587</td>
<td>937</td>
<td>807</td>
<td>368</td>
<td>974</td>
<td>1,877</td>
<td>536</td>
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<tr>
<td>Academic Investment</td>
<td>2,975</td>
<td>2,816</td>
<td>1,907</td>
<td>1,505</td>
<td>1,000</td>
<td>1,000</td>
<td>500</td>
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<td></td>
</tr>
<tr>
<td>Technology</td>
<td>340</td>
<td>400</td>
<td>3,039</td>
<td>3,079</td>
<td>364</td>
<td>594</td>
<td>402</td>
<td>402</td>
<td>402</td>
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<tr>
<td>Other</td>
<td>439</td>
<td>(1,669)</td>
<td>2,748</td>
<td>1,340</td>
<td>4,669</td>
<td>2,460</td>
<td>250</td>
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<tr>
<td>Total Cost Changes</td>
<td>15,993</td>
<td>13,946</td>
<td>23,944</td>
<td>18,934</td>
<td>15,687</td>
<td>18,185</td>
<td>14,263</td>
<td>14,815</td>
<td>14,941</td>
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</table>

### New Budget

<table>
<thead>
<tr>
<th>Year</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
<th>05-06</th>
<th>06-07</th>
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<tbody>
<tr>
<td></td>
<td>260,123</td>
<td>272,710</td>
<td>291,083</td>
<td>302,014</td>
<td>327,222</td>
<td>339,080</td>
<td>353,343</td>
<td>368,578</td>
<td>383,939</td>
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</table>

Starting Budget plus new costs

### Revenue

<table>
<thead>
<tr>
<th>Item</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
<th>05-06</th>
<th>06-07</th>
<th>07-08</th>
<th>08-09</th>
<th>09-10</th>
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<tbody>
<tr>
<td>Tuition and Fees</td>
<td>128,280</td>
<td>140,177</td>
<td>157,222</td>
<td>164,135</td>
<td>169,642</td>
<td>179,520</td>
<td>189,973</td>
<td>201,035</td>
<td>212,741</td>
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<td>Tech / Need Based Tuition</td>
<td>8,651</td>
<td>10,577</td>
<td>12,430</td>
<td>13,688</td>
<td>15,805</td>
<td>17,922</td>
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<td>Instructional Subsidy</td>
<td>101,042</td>
<td>93,655</td>
<td>92,006</td>
<td>89,200</td>
<td>87,232</td>
<td>84,615</td>
<td>84,615</td>
<td>84,615</td>
<td>84,615</td>
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<tr>
<td>Success Challenge</td>
<td>5,602</td>
<td>5,307</td>
<td>5,608</td>
<td>5,944</td>
<td>5,647</td>
<td>5,813</td>
<td>5,813</td>
<td>5,813</td>
<td>5,813</td>
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<tr>
<td>Other Revenue</td>
<td>23,334</td>
<td>28,000</td>
<td>9,875</td>
<td>9,050</td>
<td>7,853</td>
<td>7,853</td>
<td>7,853</td>
<td>7,853</td>
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<tr>
<td>Overheads</td>
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<td>16,344</td>
<td>16,609</td>
<td>17,110</td>
<td>17,620</td>
<td>18,150</td>
<td>18,690</td>
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<td>Investments</td>
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<td>4,200</td>
<td>4,200</td>
<td>4,200</td>
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<td>Departmental Income</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Tuition / Subsidy Revenue</td>
<td>258,258</td>
<td>267,139</td>
<td>283,053</td>
<td>297,524</td>
<td>319,895</td>
<td>329,876</td>
<td>341,897</td>
<td>355,606</td>
<td>369,969</td>
</tr>
</tbody>
</table>

### Budget Surplus (Shortfall)

<table>
<thead>
<tr>
<th>Year</th>
<th>01-02</th>
<th>02-03</th>
<th>03-04</th>
<th>04-05</th>
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<tbody>
<tr>
<td></td>
<td>(1,865)</td>
<td>(5,571)</td>
<td>(8,030)</td>
<td>(4,490)</td>
<td>(7,327)</td>
<td>(9,404)</td>
<td>(11,446)</td>
<td>(12,972)</td>
<td>(13,970)</td>
</tr>
</tbody>
</table>
# Current Cycle of Annual Budget Cuts

## Budget Summary

<table>
<thead>
<tr>
<th>Year</th>
<th>Continuing Base Budget</th>
<th>New Base Budget (after cost changes)</th>
<th>Revenue</th>
<th>Budget Surplus (Shortfall)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-02</td>
<td>244,130</td>
<td>260,123</td>
<td>258,258</td>
<td>(1,865)</td>
</tr>
<tr>
<td>02-03</td>
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<tr>
<td>05-06</td>
<td>311,535</td>
<td>327,222</td>
<td>319,895</td>
<td>(7,327)</td>
</tr>
<tr>
<td>06-07</td>
<td>320,895</td>
<td>339,080</td>
<td>328,676</td>
<td>(9,404)</td>
</tr>
<tr>
<td>07-08</td>
<td>339,080</td>
<td>353,763</td>
<td>341,897</td>
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<td>08-09</td>
<td>353,763</td>
<td>368,998</td>
<td>355,606</td>
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<tr>
<td>09-10</td>
<td>368,998</td>
<td></td>
<td>368,969</td>
<td>(13,970)</td>
</tr>
</tbody>
</table>

- Gap = budget shortfall
- New Base Budget (after cost changes)
- Revenue
Effect of Proposed Realignment

Gap shifts to a surplus which then can be strategically reinvested in ways to generate more revenues and change the slope of the revenue line up away from the cost line.

**Budget Summary**

<table>
<thead>
<tr>
<th></th>
<th>01-02</th>
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<td>283,083</td>
<td>311,536</td>
<td>320,895</td>
<td>320,430</td>
<td>335,413</td>
<td>350,948</td>
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<tr>
<td>New Base Budget</td>
<td>260,123</td>
<td>272,710</td>
<td>291,083</td>
<td>302,014</td>
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<td>320,430</td>
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<td>366,609</td>
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<td>Revenue</td>
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<td>329,676</td>
<td>341,887</td>
<td>355,606</td>
<td>369,869</td>
</tr>
<tr>
<td>Shortfall (Budget Cuts)</td>
<td>(1,865)</td>
<td>(5,571)</td>
<td>(8,034)</td>
<td>(4,480)</td>
<td>(7,327)</td>
<td>9,246</td>
<td>6,484</td>
<td>4,658</td>
<td>3,360</td>
</tr>
</tbody>
</table>
Integration of Existing Resources

• Discussions Among Planning Unit Heads Helped to Define Best Solutions for Reorganizing Core Functions for Accountability, Efficiency, Stronger Programs and Services, and Staff Reductions

• Resulting Organizational Structures will Lead to Better Coordination, Consolidation, and Integration of Staff, and More Efficiency in Leveraging Financial Resources

• Assessments of Programs and Services will be tied to Agreed-upon Performance, Outcome, and Efficiency Measures in Comparison to Benchmark Institutions

• Selected Examples of Functional Reorganizations and Integration:
  - Business Service Centers
  - Diversity
  - Faculty and Staff Development
  - Partnerships
Strategies and Tools to Generate Reinvestment Funds

- Staff Reductions Will Occur through Targeted Position Eliminations, Vacancies, Position Reviews, and Proposed One-year Voluntary OPERS ERIP
  - Employees electing the ERIP to be Re-hired Only on a Term Appointment Basis of No Longer Than One Year at a Reduced Salary
  - Re-hired Employees Ineligible to Receive an Incentive Bonus

- Success of Integration, Reorganization, and Voluntary OPERS ERIP Strategies will Determine Number and Nature of Lay-offs

- Effectiveness of Budget Realignment Plan to be Measured by Ability to Reinvest in Institutional Priorities outlined in Vision OHIO
Report of the Provost

Provost Kathy Krendl provided Trustees with a detailed update on admission and enrollment levels between Fall 2005 and Winter 2006. Noting overall favorable trends, the concern from the data is one of retention of first year students. From an analysis with peer universities, she noted that our first year students feel their experiences are less engaging while at the senior level more so. She reported from a survey of non-returning first year students that factors for not continuing were feelings they didn't fit in, could not adjust, distance from home was too far, and costs were too great.

The Provost discussed the status of Vision Ohio and the major areas where investment is to be made: undergraduate and graduate education, research priorities, and tenure track faculty lines. She then described the nature of the investment to be made and the general areas in which they would occur. Provost Krendl outlined the work of various "teams" working on implementation and stated this will lead to a new budget allocation system beginning with the 2008/2009 Academic Year.

A copy of the Provost's report is included with the minutes.
REPORT OF THE PROVOST

Ohio University

Board of Trustees Meeting

MARCH 2, 2006
Admissions Update (as of 2/27)

- Increases in Freshman Applications & Admits
  - 300 Applications and 250 Admits
  - Improvement in Profile Corresponds to Gateway Scholarship (ACT > 24)
  - Need to Continue Yield Activities
- Increases in Transfer Applications & Admits
  - About 30
- Increases in Graduate Applications & Admits
  - About 100 (processing earlier than last year)
Enrollment Update

• Fall 2005
  - Undergraduate up 100 from fall 2004 & up 250 from budgeted
  - Graduate down 100 from fall 2004 & down 77 from budgeted

• Winter 2006
  - Undergraduate down slightly from projected
    • Graduated more than expected
    • Fall to winter freshman retention rate down 1%
Enrollment Update

• Winter 2006
  – Graduate up slightly from projected
    • New programs starting up (e.g., Ed.D)

• Projections for fall 2006
  – Undergraduate Enrollment expected to equal 2005
    • Admissions numbers are strong
    • Need to improve retention
    • Retention necessary for stable enrollment
  – Graduate Enrollment expected to grow from 2005
Retention Concerns

NSSE Results
- Freshman means lower than peers
- Freshmen perceive first year experience to be less engaging than peers
- Senior means higher than peers
- Seniors perceive educational experiences more engaging than peers
2005-06 NonReturning (winter 2006) Freshmen Survey
Major & Minor Reasons for Leaving OU

20. I did not feel like I fit in at OU.
17. I had trouble adjusting personally to OU.
42. OU is too far from home.
2. The cost of attending OU.
48. Disappointed in the quality of the residence hall experience at OU.
3. My financial aid in general was not sufficient.
47. Disappointed with the rural/small town location of OU.
41. Drug and alcohol abuse on campus.
37. OU is too large and impersonal.
39. Inadequate social life at OU.
Vision OHIO Investments

- Four Major Areas
  - Undergraduate Education
  - Graduate Education
  - Research Priorities
  - Faculty Lines
Undergraduate Education

- Foundations of Excellence Team – First Year Experience
- Vision OHIO Undergraduate Priorities Team
- Vision OHIO Environment Team
- Vision OHIO Quality and Diversity Team
- Faculty Development
- Faculty Lines
Graduate Education

- Graduate stipends
- Mix of masters and doctoral programs
- Structure and organization
- Faculty Lines
Research Priorities

- Establishment of Graduate Education and Research Board
- RFP Process to select projects
- Interdisciplinary Themes
- Research infrastructure
- Faculty Lines
Faculty Lines

Focused faculty hires:

- Enhanced first-year courses
- Undergraduate and graduate programs targeted for enrollment growth
- Undergraduate and graduate programs targeted for national prominence
- Research expertise linked to interdisciplinary priorities
Report of the Treasurer

The Treasurer's report was presented to the Audit, Finance, Facilities, and Investment Committee at their Wednesday, March 1, meeting.
COMMITTEE REPORTS

**Academic Quality Committee**
The committee recommended five resolutions for approval.

**Audit, Finance, Facilities, and Investment Committee**
The committee received six reports and considered five resolutions. Approval was given to the resolutions.

**Student Life, Human Resources and Athletics Committee**
The committee received one report and had three resolutions for approval.

**Executive Committee**
The committee received one resolution. Approval was given to the resolution.
Committee Chairman Schey reviewed matters before the committee and presented the following resolutions for consideration. He noted the recommendations tied back into Vision Ohio and that resources being utilized were well spent. Mr. Snyder moved approval of the resolutions. Dr. DeWire seconded the motion and all voted aye.

Resolution 2006 – 2024 - Doctor of Philosophy Degree in Mechanical Engineering

Resolution 2006 – 2025 - Undergraduate and Graduate Certificates in Geographic Information Sciences (GIS)

Resolution 2006 – 2026 - Name Change from the “Department of Chemical Engineering” to the “Department of Chemical and Biomolecular Engineering”

Resolution 2006 – 2027 - Sales Certificate in Financial Services

Resolution 2006 – 2028 - Renaming of the Office of Regional Higher Education
Trustees Present: Larry Schey, Chair, C. David Snyder, Charles Stuckey, and Micah Mitchell

Action Items:

Doctor of Philosophy Degree in Mechanical Engineering (ME)
- The addition of the Ph.D. program in Mechanical Engineering will attract a new tier of student, a higher quality of student into the department and increase visibility to obtain external grants and contracts.
- The creation of the program is a strategic move by the College of Engineering to provide opportunities for continued growth and advancement.
- The program in Mechanical Engineering will provide an opportunity for reallocation of open positions into this program. It will also provide the ability to attract and retain faculty.
- The college currently supports an integrated Ph.D. program involving Mechanical Engineering (ME) along with Civil and Industrial and Manufacturing Systems Engineering. Once the two Ph.D. programs (Mechanical and Civil) have been approved by the Board of Regents, the college plans to discontinue the integrated Ph.D. program.

Undergraduate and Graduate Certificates in Geographic Information Science (GIS)
- The creation of the Geographic Information Science Certificate is part of the department's strategic plan and is a goal of Vision Ohio.
- The certificate would allow the department a way of being responsive to student needs who wish to obtain GIS training. It is estimated that 20 to 30 certificates would be granted per year.
- The certificate would be taught by existing and newly hired faculty, therefore, would not require additional departmental resources.
- The knowledge and use of GIS is also important to several other disciplines such as biology, engineering, geology, communications and business.
- By offering the certificate in GIS, the job market for individuals that have GIS training is expanding, therefore, completion of the GIS certificate will increase the employability of Ohio University students.
Name change from the “Department of Chemical Engineering” to the “Department of Chemical and Biomolecular Engineering”

- The collaboration between the biotechnology and engineering disciplines has provided a new application area of engineering referred to as Biomolecular Engineering.
- The emergence and advancement of the Biomolecular Engineering discipline has opened the door for employment and research opportunities for scientists and engineers.
- The Russ College of Engineering and Technology and the Department of Chemical Engineering has made a commitment to focus on current and future resources in the Biomolecular Engineering discipline. The recently created Masters of Science Program in Biomedical Engineering is an example of this commitment.
- Changing the name will not require additional resources.

Sales Certificate in Financial Services, College of Business

- There is a demand by banking institutions, insurance companies, investment companies and accounting firms for employees to have experience in sales programs such as financial services.
- Currently, three such certificates are awarded through the Sales Center to meet these growing needs (Professional, Retail, and Media). The certificate in Financial Services will be a strong addition to the curriculum of the center.
- The Sales Center certificate programs are interdisciplinary in nature and would benefit not only graduates in the College of Business but also students within Health and Human Services, College of Arts and Sciences, and Communication.
- The certificate would offer a skill set for students to excel in the market place.

Renaming the “Office of Regional Higher Education” to the “Office for University Outreach and Regional Campuses”

- One recommendation of Vision Ohio is the establishment of a new office, University Outreach, to provide leadership and support for outreach and partnerships.
- A name change will better reflect the expanded commitment to outreach and partnerships and the regional campuses commitment to service Southeastern Ohio.
- By expanding the role of the office, there will be additional opportunities for future collaborations between Ohio University and various partners.
- The office will provide new ways of doing business with the mission continuing to be outreach and access.

Non-Agenda Item:
Provost Krendl presented the following information on admissions, enrollment and retention.
Admissions update (2/27)
- up 300/250 admits
- improvement in profile corresponds to Gateway Scholars (ACT >24)
- increase in transfer application and admits (about 30)
- increase graduate applications and admits (about 100 – processing earlier than last year)

Enrollment update
Fall 2005
- Undergraduate up 100 from Fall 2004 and up 250 from budgeted
- Graduate down 100 from Fall 2004 and down 77 from budgeted

Winter 2006
- Undergraduate down slightly from projected
  - graduated more than expected
  - Fall to Winter retention rate down 1%
- Graduate up slightly from projected
  - New programs starting at the Pickerington Center (e.g. Ed.D.) 23 more students

Projections for Fall 2006
- Undergraduate enrollment expected to equal 2005
  - admission numbers are strong
  - need to improve retention
  - retention necessary for stable enrollment
- Graduate enrollment expected to grow from 2005

Retention Concern
(NSSE Results)
- Freshmen means lower than peers
- Seniors exceed means of our peers

Leaver Study
Looking at the open ended comments, lack of activities on the weekend and the party school image were issues.

A “Day of Dialogue” took place on February 21, 2006 to look at the issue of high-risk alcohol. The meeting included administrators, students, and community members. A few of the suggestions to help improve student conduct are as follows:

- increase usage of the new student center
- offer alternative activities on the weekend for students
- promote academic excellence
- promote academic environment
- hold people accountable for their actions
Doctor of Philosophy Degree in Mechanical Engineering

RESOLUTION 2006 - 2024

WHEREAS, this new degree is necessary for the continued growth and advancement of the Russ College of Engineering and Technology and the Department of Mechanical Engineering, and

WHEREAS, it will prepare students entering careers in Mechanical Engineering professions with the necessary skills to perform research and solve complex problems in the field, and

WHEREAS, the department and college have the facilities and faculty to support the degree, and

WHEREAS, administrative costs associated with the degree will be absorbed within the departmental budget, and

WHEREAS, this degree will elevate the national reputation of the Department of Mechanical Engineering, increase external funding for the department, and help retain and attract highly qualified faculty to Ohio University,

NOW, THEREFORE BE IT RESOLVED, that the Department of Mechanical Engineering add a Doctor of Philosophy degree to its program.
This memorandum is written to express my support for the development of a new Doctor of Philosophy degree in Mechanical Engineering. This new degree is necessary for the continued growth and advancement of the Russ College of Engineering and Technology and the Department of Mechanical Engineering. It will prepare Ohio students for careers in the Mechanical Engineering profession by providing them with the necessary skills to perform research and solve the complex problems that are now being addressed in the field. It should be noted that the Department of Mechanical Engineering and the Russ College of Engineering and Technology have the facilities and faculty to support the degree, and any additional administrative costs associated with the degree will be absorbed within the departmental budget.

The doctoral degree in Mechanical Engineering will elevate the national reputation of the Mechanical Engineering Department, increase the external funding of the department, and help retain and attract highly qualified faculty to Ohio University.
PROGRAM DEVELOPMENT PLAN
PH.D. IN MECHANICAL ENGINEERING
OHIO UNIVERSITY
RUSS COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
April 21, 2004

Proposed Graduate Program Director – “I certify that this new graduate program proposal is endorsed by the proposed program faculty and that they have agreed, in principle, to participate actively in the program.”

Name: M. Khairul Alam, Ph.D.  Signature ____________________________

Department Chair – “The department will provide the departmental resources and support described in this document toward the development of the proposed new graduate program.”

Name: Jay S. Gunasekera, Ph.D.  Signature ____________________________

College Dean – “The College fully supports the development of the new graduate program described in this proposal and will provide college resources as described in this document.”

Name: Dennis Irwin, Ph.D.  Signature ____________________________

College Curriculum Committee Chair – “The college curriculum committee fully supports the development of the new graduate program described in this proposal.”

Name: Ken Sampson, Ph.D.  Signature ____________________________

Approval from University Curriculum Council

Chair, Programs Committee, UCC

Name: Kathy Rose--Grippa, Ph.D.  Signature ____________________________

Chair, University Curriculum Council (UCC)

Name: Margaret Appel, Ph.D.  Signature ____________________________
PROGRAM DEVELOPMENT PLAN

1. Designation and brief description of the new degree program

   The Department of Mechanical Engineering (ME) in the Russ College of Engineering and Technology proposes a new degree to be offered at Ohio University - a Ph.D. in Mechanical Engineering. The completion of this Ph.D. program of study by a student will represent the conclusion of advanced coursework in ME, with specialization in areas of thermal and energy science, design, robotics, air pollution control, manufacturing, and materials processing, coupled with state-of-the-art research culminating in a written and defended dissertation. This new degree will serve many purposes. First and foremost, it is designed to prepare students in Ohio for advanced careers in the mechanical engineering profession. It will also convey the skills necessary to perform cutting-edge research and to solve complex interdisciplinary problems. Graduates will go on to advanced positions in industry, government, or tenure-track faculty positions at other universities.

   A Ph.D. program is necessary for the continued growth of the ME Department at Ohio University. The Russ College currently has only three Ph.D. programs, which is a serious limitation on the potential achievements of researchers in the college as a whole. In January 2003, Russ College decided that a Ph.D. program in ME was a critical strategic need, and that the ME Department of Ohio University should proceed with a Ph.D. proposal with the full backing of the college. In its Five Year Plan, the Russ College has projected the addition of three more faculty lines in Mechanical Engineering to support the research activities.

   The ME Department of Ohio University participates in the college-wide Integrated Engineering Ph.D. (IEPhD) program, which includes a Mechanical Engineering track. However, the department is compelled to seek a discipline-specific Ph.D. because the current Integrated Engineering Ph.D. program does not meet the needs for a department that has significantly grown in external funding, national reputation, and facilities over the last five years. Despite the past success with the Integrated Engineering Ph.D. program, which has made the ME Department at Ohio University competitive with other Ph.D. programs in mechanical engineering in the State of Ohio, it is clear that the level of success cannot be maintained with the restrictive confines of the current IEPHD program. Having a discipline-specific Ph.D. program will improve the ME Department’s ability to attract highly qualified faculty, retain and train highly qualified Ohio students, and improve our service to Ohio’s energy and manufacturing industries.

2. Description of the proposed curriculum

   Admission: An M.S. degree in Mechanical Engineering or related field will be required for admission. Students should have excellent academic records, demonstrated skills in oral and written English, and an aptitude for research. GRE results, TOEFL results, transcripts from all previously attended universities, a resume, and letters of reference will be submitted by all applicants for review by the ME Department graduate committee. A majority vote on the committee will determine whether the applicant will be admitted or denied admission.

   Dissertation Advisory Committee: Before earning 15 credit hours of coursework towards the Ph.D., the student's dissertation advisory committee must be formed and a Plan of Study must be submitted. The committee must consist of at least four graduate faculty members, including the student's main advisor and one college representative. The student's dissertation advisory committee oversees all aspects of the doctoral work and is directly responsible for its quality. A student is expected to work closely with his/her dissertation advisory committee. After the advisory committee and the Dean of Russ College have approved the Plan of Study, the dissertation committee is to be kept informed by the student of the progress of his or her research.

   Qualifying Examination: Prior to completing 15 credit hours of coursework applicable towards the Ph.D., the student must take a written qualifying examination. This will test mastery of the necessary fundamentals to pursue the Ph.D. degree. The student may retake the qualifying exam only once. The subject areas of the qualifying exam are shown in Appendix B.

   Curriculum: Ninety credit hours are required beyond the M.S. level for a doctoral degree, 45 credit hours resulting from the dissertation and 45 credit hours from coursework. For a Ph.D. in ME, at least 21 of the candidate's credit hours must be at the 600 level or higher and at least 10 credit hours must be at the 700 level or higher. Up to 16
credit hours of coursework outside the ME Department will be accepted. All ME Ph.D. candidates will be required to complete a list of common core courses and additional coursework to achieve mastery of necessary fundamentals.

Graduate work completed at another university, usually up to 12 quarter credit hours, will be considered by the ME Department graduate committee and the student’s dissertation advisory committee for inclusion in the student’s program of study, provided the course work was not used to satisfy the requirements for another degree. University residency requirements must be met as stated in the Ohio University Graduate Catalog.

Comprehensive Examination: Following the completion of the majority of the coursework, a student is required to pass a written and oral comprehensive examination. This examination will test the student's knowledge of advanced-level coursework, his/her ability to integrate knowledge from courses, and his/her ability to work independently in the specialty area. The examination will be prepared and administered by the student's dissertation advisory committee. After completion of the comprehensive examination a written research proposal must be submitted to the advisory committee for evaluation and review.

Dissertation: Half of a Ph.D. candidate’s required credits will be in advanced research culminating in a dissertation. Through this endeavor the Ph.D. candidate should be challenged to become a leading expert in a single research topic, become competent in the scientific method for discovery of engineering principles, be able to design and execute experiments in his/her general research area, demonstrate the ability to independently direct research, become conversant in the body of literature describing his/her area of expertise, and be able to defend the research both orally and in writing. In addition, the research itself must represent novel cutting-edge work.

A written dissertation must be prepared following the Ohio University “Style Manual” and the “Guidelines for the Format and Presentation of Theses and Dissertations” of the Russ College of Engineering and Technology. At the oral defense the student will present his/her research findings and answer questions from the dissertation advisory committee. The presentation, and question/answer portion of the defense will be open to the university community. Approval by the advisory committee will not occur if either the dissertation advisor, the College representative, or two of the advisory committee members do not approve the dissertation.

Additional Requirements: Students must maintain a 3.0/4.0 grade point average to remain in the program, and no credit hours below C may be counted toward the Ph.D. Per Ohio University requirements, the student must demonstrate a scholarly discipline by satisfying one of the following: a demonstrated reading ability in a foreign language, a demonstrated proficiency in statistical analysis, or other special abilities that are currently accepted by the University. The student must satisfy Ohio University’s residency requirement of full-time registration for at least three consecutive quarters. The maximum time allowed from the date of doctoral graduate work initiation at Ohio University to the completion of the doctorate is seven calendar years.

3. Administrative arrangements for the proposed program

The ME Department graduate committee will be expanded to administer both the M.S. and Ph.D. programs. The committee will be comprised of members representing major areas of Mechanical Engineering. For the first two years the committee chair will be granted release time to offset time spent initiating the program. As with the M.S. program the ME Department office will keep student records. The dissertation advisory committees, comprised primarily of ME faculty, will oversee all aspects of the Ph.D. candidates’ doctoral work, and the ME Department graduate committee will determine Ph.D. admission. The Ph.D. program is planned to start in Fall-2005, and current Integrated Engineering Ph.D. students have already expressed interest in joining the Ph.D. program in Mechanical Engineering. The program will be advertised by expanded web pages and production of a new brochure for the department. To evaluate the program, an advisory board will be established with faculty from other universities with respected ME Ph.D. programs. The primary criteria for success will be growth of enrollment, refereed journal publications, and job placement by graduates. Engineering Ph.D. programs are typically not accredited. The accreditation group for engineers, EAC/ABET, currently accredits only the basic or advanced level program in an area. For Ohio University, the undergraduate ME program is accredited by EAC/ABET.
4. Evidence of need for the new degree program

With the goals of increasing external funding, improving the quality of graduate research and education, and recruiting outstanding faculty and students, one priority of the Russ College is to increase the number of Ph.D. programs in the college. In fact, Russ College currently only has three Ph.D. programs (chemical engineering, electrical engineering, and integrated engineering), which is a serious limitation on the potential achievements of researchers in the college as a whole. A discipline-specific Ph.D. program for ME would significantly and positively address this limitation.

**Value of Ph.D. Program in ME:** The primary need for a Ph.D. program is to support the areas of research in the Department that are not suitable for inclusion in the narrowly limited scope of the Integrated Engineering Ph.D. (IEPhD) program. The IEPHD program has given the Department of Mechanical Engineering considerable experience at managing doctoral researchers, since the ME Department has the largest number of students in this Ph.D. program. However, the program requirements are too broad to provide proper support for the specific research efforts of the ME Department, which include thermal sciences, materials, dynamic systems, and controls. Research in these areas have increased significantly, with over $4 million in external funding over the last three years, but cannot be sustained without a supporting Ph.D. program.

Ph.D. students provide continuity for sustained and productive research, and reliance solely on M.S. students hampers the ability of the ME department to rise to a higher level of excellence. For extended projects, time is lost training new M.S. students when a Ph.D. student could continue without interruption. Furthermore, Ph.D. level research is more suitable for journal publication, conference presentation, and long-term usefulness to society. Ph.D. students are more efficient researchers, improving the overall performance of the department. Adoption of a Ph.D. program will give faculty more support to pursue scholarly activities and will aid in the recruitment and hiring of talented faculty. In turn, this will increase the prestige and visibility of the ME department and enhance Ohio University's ability to bring additional external funding to Ohio.

**Comparison with Other Ohio ME Programs:** In the state of Ohio there are ten universities with ME programs: University of Akron, Case Western Reserve University, University of Cincinnati, Cleveland State University, University of Dayton, Ohio Northern, Ohio State University, Ohio University, University of Toledo, and Wright State University (Table 1 in Attachment C). Only four of the Ohio universities offer Ph.D. degrees in ME: Case Western Reserve University, University of Cincinnati, University of Dayton, and Ohio State University. The University of Toledo offers a Ph.D. in Engineering, which has traditional focus areas such as ME. University of Akron, Cleveland State University, and Ohio University all offer interdisciplinary Ph.D.s in Engineering with focus areas. Table 2 in Attachment C compares the number of ME faculty in the ME Ph.D. programs in Ohio. THE ME Department at Ohio University has a similar number of faculty as other Ph.D. programs, hence, the human resources needed for a Ph.D. program are already in place. The ME Department graduate program at Ohio University is on par with the other institutions offering a Ph.D. program, especially on a per-faculty basis.

**Limitations of the Integrated Ph.D. Program:** Russ College offers an Integrated Engineering Ph.D. program, in which 14 students are currently following the ME track. All of these students have ME undergraduate degrees, and ME faculty are their dissertation advisors. However because the curriculum is required to be very broad, these students are unable to take sufficient classes to obtain adequate depth in their ME specialty area. In today's work and academic environment, Ph.D. graduates are expected to have achieved an intense degree of specialization. Without that, graduates from this program are unable to advertise an identity attractive to employers. IEPHD graduates who wish to pursue tenure-track faculty positions are particularly hampered, because their degree requirements are too broad to qualify them for specialization in any individual discipline. This limits the ME department's ability to attract and place qualified students. Because ME faculty have been able to attract in excess of $4 million in funding over the last years, it is clear that the department should be supported by a Ph.D. program.

**Ability to Attract and Retain Ohio Students:** Last year, the ME Department of Ohio University was able to recruit 13% of its undergraduate students to the M.S. program. These students are overwhelmingly Ohio residents who may otherwise have left the state for graduate education or may not have pursued a graduate degree at all. In addition, a significant number of these students express interest in continuing on to the Ph.D. level, but are discouraged from pursuing that course at Ohio University because of the limitations of the Integrated Ph.D.
program. These students typically go on to graduate school out of state, although they would have preferred to obtain a Ph.D. in ME from Ohio University. With the advantage of a true ME Ph.D. program, the ME Department of Ohio University could potentially retain 50% of those M.S. students in the Ph.D. program.

Fourteen students were enrolled in the Mechanical Engineering track of the IEPDPhD program in 2003, comparable to other ME Ph.D. programs in Ohio (Table 2 in Attachment B). Thus, the current student enrollment is sufficient to sustain a Ph.D. program in ME at Ohio University, even without projected gains. In the last few years the number of applicants to IEPDPhD program has continued to increase. However, because of the limitations of the IEPDPhD program, Ohio University’s ME Department loses almost all of its Masters students at the Ph.D. level. With a ME Ph.D. program, the department would be better capable of retaining these students, and providing the highest education possible for Ohio’s residents.

5. Prospective enrollment

Enrollment in the Integrated Ph.D. program provides a reliable estimate of initial enrollment in the Ohio University’s ME Ph.D. program. Fourteen students were enrolled in 2003 in the Mechanical Engineering track of the Integrated Ph.D. program; all would be enrolled in a ME Ph.D. program if available. Note that this number is not vastly different from many other programs with a ME Ph.D.. Thus, the current number of students available to enroll in a Ph.D. program in ME Department of Ohio University is sufficient to sustain this program.

Additionally, the number of applicants to the Mechanical Engineering track in the Integrated Ph.D. program has continued to increase; hence, a Ph.D. in ME already has the momentum to attract a good critical mass of students. With a ME Ph.D. program that allows more flexibility and focus in the curriculum, these numbers should increase further. Based on these data and assuming program initiation in academic year 2004-05, Ph.D. enrollments are estimated at 15 for 2004-2005, 17 for 2005-2006, 18 for 2006-2007, 20 for 2000-2008, and 20 for 2008-2009. Because of Ohio University ME’s increased ability to retain M.S. students for the Ph.D., and because approximately half of those are Ohio residents, the percentage of students in the new ME Ph.D. program that are Ohio residents is expected to be higher, approximately 25%.

6. Special efforts to enroll and retain minority students and women

The ME Department of Ohio University has in the past been successful at recruiting underrepresented students, which will be continued with the Ph.D. program. Currently, 72% of the Masters students and 28% of the faculty are from underrepresented groups. Ohio University supports the recruitment of graduate minority students through the Minority Graduate Student Affairs Office by hosting visits for students from Historically Black Institutions and administering Minority Enhancement Grants and the Student Achievement in Research and Scholarship Program. The ME Department of Ohio University will continue to make extra efforts to secure financial support for underrepresented applicants to the Ph.D. program.

7. Faculty and facilities available for the new degree program and their adequacy

The Mechanical Engineering Department of Ohio University has established itself as an excellent program in the State of Ohio for both learning and research.

Faculty and external research funds: The Department of Mechanical Engineering currently has 13 full time tenure-track faculty members and two research assistant professors. Through the Ohio Coal Research Center and the Center for Advanced Materials Processing, as well as efforts by individual faculty, ME Department faculty are currently involved in or lead in externally funded research contracts valued at over $7 million, with over $2.5 million in research expenditures expected for this year. In 2002-2003, $282,000 of external funding was spent on graduate student stipends. Additionally, the faculty is highly productive with these research initiatives, publishing on average 30 manuscripts annually and delivering 50 scholarly presentations. This high funding level demonstrates the ability of the ME Department of Ohio University to fund graduate students and maintain a self-sustaining Ph.D. program.

Outstanding Teaching and Research Facilities: The Mechanical Engineering program at Ohio University has outstanding research facilities that are supported by funds from several internal endowments and research grants.
The Stocker endowment has been used on an annual basis since 1980's to support equipment purchases in the Russ College. Several research laboratories have been established, including the coal research laboratories, the ESP facility, the robotics laboratory, and the advanced materials testing facilities.

**National recognition:** The Department of Mechanical Engineering has received much recognition for its efforts. It has received statewide and national recognition for its outstanding work in energy-related environmental research. Faculty members in the Department have a licensed and sub-licensed patent for electrostatic precipitation. The Ohio Coal Research Center manages the State of Ohio's University Coal Research Consortium and the Director of the Coal Center has been appointed to the national Coal Utilization Research Council's Technical subcommittee to review research issues facing the utility industry. The ME Department has received national recognition for its unique work in haptics-augmented education (forces and touch from virtual educational models on the PC), funded by NASA, NSF, and the Osteopathic Heritage Foundation. Two patents are currently being pursued by Ohio University in this area. One faculty member has been listed on the web in Who's Who in Parallel Manipulators; he has also served on the ASME International Mechanisms & Robotics Committee. Another faculty member is Chair of ASME's K-15 Technical Committee, is listed in the American Men and Women of Science, and has received recognition from NASA for being an outstanding inventor. Additionally, the Chair was recently honored as an Ohio University *Distinguished Professor*. This is the highest honor given to any faculty member at Ohio University. He has also been highly recognized and respected both nationally and internationally as an academic leader and researcher within the metal processing field and is a member of the CIRP (College International pour l'Etude Scientifique des Techniques de Production Mecanique- headquartered in Paris, France) since 1980, at first representing Australia and now representing the USA.

The faculty of the ME Department of Ohio University publishes in internationally recognized journals and has won several awards for outstanding scientific contributions and research publications.

8. Need for additional facilities and staff

One of the advantages of initiating a discipline-specific Ph.D. program in ME Department at Ohio University is that all of the required elements are already in place. The Department already operates the largest Ph.D. program under the umbrella of the College's Integrated Engineering program. Therefore, there will be no additional cost in implementing a discipline-specific Ph.D. program. The Department, with 13 faculty members, has been able to successfully manage the largest enrollment in a single B.S. discipline in the Russ College of Engineering and Technology, along with its M.S. and Integrated Engineering Ph.D. enrollment.

However, for the program to grow at the current rate, based on the significant external research efforts already underway and growing, it is expected that a greater number of faculty would be needed to bring the program in-line with other Ph.D. programs in the state. It should be noted that in the College’s Five Year Plan, three additional faculty lines for Mechanical Engineering are projected, primarily to support research in the Ohio Coal Research Center and the Center for Advanced Materials Processing. The ME department anticipates no substantial increase in teaching loads, because it already services a substantial number of Ph.D. students in the current program. The projected ratio of FTE students in the proposed discipline-specific Ph.D. program to FTE faculty is 1.15 for 2004/5, 1.30 for 2005/6, 1.30 for 2006/7, 1.42 for 2007/8, and 1.33 for 2008/9.

9. Projected additional cost associated with the program

Because of the success of the ME Department in attracting external research funding, no additional graduate assistant stipend funding should be required. Also, as detailed previously, the ME Department's facilities are more than sufficient and require no additional funding. Several of the research facilities are located off-campus, which lessens the requirement for physical space. The ME Department currently oversees an M.S. program and will now be tasked with administering a Ph.D. program. This is only a slight increase in administration responsibilities and can easily be absorbed by the department. A complete accounting of anticipated costs and revenues is provided in Attachment E. In summary, aside from the expected increase in college tuition waivers for increased graduate enrollment, no additional costs are anticipated for implementation of a Ph.D. program in the ME Department of Ohio University.
Although the Russ College of Engineering and Technology was founded as the College of Applied Sciences in 1935, engineering education has been a part of Ohio University almost since its founding in 1804, with records showing that a course in Surveying was among the first offered. A civil and mining engineering program was created in 1904 by action of the Board of Trustees and was directed by Lewis J. Alcott, Professor of Civil and Mining Engineering. The first B.S. degrees awarded to civil engineers of record were given to Karl L. Adams of Cincinnati and James W. Wisda of Ney, Ohio, in June 1909. Although courses related to Mechanical Engineering (ME) have been offered before, the Department of Mechanical Engineering was established as a separate entity in 1947 and the B.S. program was accredited in 1952.

The number of graduates in Mechanical Engineering ranged from a few to about a dozen per year in the early years and steadily increased, and as of to date the ME program has the largest enrollment within the Russ College. The B.S. degree has been offered continuously since its beginning and the program was accredited by the Engineering Council for Professional Development, the early forerunner of the EAC/ABET. An M.S. program was initiated in 1952. Annual graduations from the M.S. program averaged about 2 in the 1960's, 2 to 3 in the 1970's, and 4 in the early 1980's. After that, and with the increase of faculty from about 4 to the current level of 13, the program began to expand.

From 1985 to 1988 the M.S. program averaged about 10 full time students with about 4 graduates per year. The program grew from about 10 to over 50 M.S. students from the late 1980's to 1990's. Growth in the graduate program then stagnated primarily due to lack of a Ph.D. program and good job opportunities for the B.S. graduates. Since about 1990 the majority of the eligible students have received some financial support via a teaching (TA) or research assistantship (RA) with an accompanying tuition waiver. Historically about 1/2 of the students have been supported via external research funds as a RA or equivalent. Currently the department has about 250 undergraduate students, 55 M.S. students and another 14 in the Integrated Engineering PhD program (with the ME option). The department has also exceeded the million-dollar/year level in external funds for the first time.

The Mechanical Engineering program at Ohio University has outstanding research facilities, including:

- 15,000 scfm pilot-scale membrane and metal-plate wet electrostatic precipitator located at FirstEnergy's Bruce Mansfield Plant ($500,000)
- Malvern Mastersizer ($60,000)
- Cold-vapor atomic absorption spectrophotometer for mercury and metal analysis ($50,000)
- Mercury capture and testing facility ($25,000)
- Fuel Cell test stands (located in Alliance Ohio at SOFCo) ($100,000)
- Coal gasification and steam reforming facility ($150,000)
- Fourier Transform infrared Analyzer ($80,000)
- Laminar wet electrostatic test unit ($50,000)
- 250 KW Automotive Chassis Dynamometer test system ($100,000)
- ESP Lab equipment $100,000
- Holomatrix laser flash thermal properties analyzer ($40,000)
- Anter High Speed Xenon-flash 3000 thermal properties analyzer ($58,000)
- Perkin Elmer Thermomechanical Analyzer ($35,000)
- Perkin Elmer Differential Scanning Calorimetry ($25,000)
- Mettler Cryogenic Differential Scanning Calorimetry ($52,000)
- TSI Particle Analyzers DMPS 3071 and CPC 3022, ($60,000)
- Nikon Quantitative Image Analyzer System ($40,000)
- Twin screw polymer extrusion unit ($25,000)
- 250 kN tension/compression computer controlled servo-hydraulic MTS machine ($200,000)
- Microscopy/metallographic lab facility ($50,000)
- 10,000 psi static/dynamic pressure testing apparatus ($10,000)
Attachment B
Ohio University ME PhD Curriculum (Proposed)

COURSE REQUIREMENTS

1. **Core Courses**: Students must complete the course work in Group I and II in their MS and/or PhD program of study.

   **Group I**: Required courses:
   - ME 797 Advanced Engineering Analysis (4)
   - ISE 708 Quality Systems (4)
   - EE 571 Statistical Analysis (3)
   - ME 780 Colloquium (1) — to be taken for 3 quarters (new course)

   **Group II**: At least 6 courses from Group II with a minimum of 2 courses from areas A and b

   **A)**
   - ME 513 Conduction, Convection and Radiation (4)
   - ME 514 Convection Heat Transfer (4)
   - ME 546 Potential Flow Theory (4)
   - ME 595 Intro. Kinetic Theory & Statistical Thermodynamics (4)
   - ChE 642 Transport Phenomena (5)

   **B)**
   - ME 601 Advanced System Analysis and Control (3)
   - ME 605 Dynamics: Theory and Applications I (3)
   - CE 523. Continuum Mechanics (4)
   - ME 663 Mechanical Behavior of Engineering Materials (4)
   - ME 785 Plasticity: Theory and Application (4)

2. Students must take at least 10 hours of approved courses at the 700 level beyond the courses listed in Group I. Courses that are in this category include ME 704, ME 705, ME 712, ME 720, ME 731, ME 733, ME 751, ME 760, ME 762, ME 776, ISE 708, ISE 709, ISE 710, CE 723, CE 730. The list of approved courses at the 700 level hours will be updated periodically; therefore, students should consult their dissertation advisory committee in selecting the 700 level courses.

   The requirement of 45 credit hours of courses (beyond the M.S. program of study) is to be satisfied by courses in Group I, Group II and additional courses as advised by the dissertation advisory committee.

QUALIFYING EXAM

To demonstrate mastery of the fundamentals, students must pass a qualifying examination in the following areas:

1) Mathematics and Physics
2) System Analysis and Controls
3) Solid Mechanics
4) Fluid Mechanics
5) Heat Transfer & Thermodynamics

All students must attempt the Mathematics/Physics section and three more topics from the above selection.
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>503</td>
<td>Machine Design I</td>
<td>4</td>
</tr>
<tr>
<td>504</td>
<td>Machine Design II</td>
<td>4</td>
</tr>
<tr>
<td>506</td>
<td>Analysis and Design of Mechanisms</td>
<td>4</td>
</tr>
<tr>
<td>507</td>
<td>Fundamentals of Nuclear Engineering</td>
<td>4</td>
</tr>
<tr>
<td>508</td>
<td>Nonlinear Vibrations</td>
<td>3</td>
</tr>
<tr>
<td>509</td>
<td>Advanced Machine Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>510</td>
<td>Advanced Vibrations Analysis</td>
<td>4</td>
</tr>
<tr>
<td>512</td>
<td>Heat Transfer</td>
<td>4</td>
</tr>
<tr>
<td>513</td>
<td>Conduction, Convection and Radiation</td>
<td>4</td>
</tr>
<tr>
<td>514</td>
<td>Convection Heat Transfer</td>
<td>4</td>
</tr>
<tr>
<td>515</td>
<td>Thermal Stress Analysis</td>
<td>4</td>
</tr>
<tr>
<td>516</td>
<td>Combustion</td>
<td>3</td>
</tr>
<tr>
<td>517</td>
<td>Design of Thermal Systems</td>
<td>4</td>
</tr>
<tr>
<td>518</td>
<td>Mechanical Engineering Experimentation</td>
<td>1</td>
</tr>
<tr>
<td>519</td>
<td>Mechanical Engineering Experimentation II</td>
<td>1</td>
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<tr>
<td>520</td>
<td>Mechanical Engineering Experimentation III</td>
<td>1</td>
</tr>
<tr>
<td>522</td>
<td>Stirling Cycle Machine Analysis</td>
<td>3</td>
</tr>
<tr>
<td>524</td>
<td>Gas Dynamics I</td>
<td>3</td>
</tr>
<tr>
<td>525</td>
<td>Vehicle Propulsion Systems</td>
<td>4</td>
</tr>
<tr>
<td>526</td>
<td>Stirling Machine Design Colloquium</td>
<td>2</td>
</tr>
<tr>
<td>527</td>
<td>Power Station Engineering</td>
<td>3</td>
</tr>
<tr>
<td>529</td>
<td>Mechanics and Control of Robotic Manipulators</td>
<td>4</td>
</tr>
<tr>
<td>531</td>
<td>Atmosphere Pollution Control</td>
<td>4</td>
</tr>
<tr>
<td>532</td>
<td>Analysis and Simulation of Transport Processes</td>
<td>4</td>
</tr>
<tr>
<td>534</td>
<td>Fundamentals of Aerosol Behavior</td>
<td>3</td>
</tr>
<tr>
<td>535</td>
<td>Energy Engineering and Management</td>
<td>3</td>
</tr>
<tr>
<td>540</td>
<td>Direct Energy Conversion</td>
<td>4</td>
</tr>
<tr>
<td>545</td>
<td>Advanced Numerical Methods</td>
<td>4</td>
</tr>
<tr>
<td>546</td>
<td>Potential Flow Theory</td>
<td>3</td>
</tr>
<tr>
<td>547</td>
<td>Viscous Flow Theory</td>
<td>3</td>
</tr>
<tr>
<td>550N</td>
<td>Computer-Aided Design I</td>
<td>4</td>
</tr>
<tr>
<td>551</td>
<td>Computer-Aided Design II</td>
<td>4</td>
</tr>
<tr>
<td>555</td>
<td>Mechatronics I</td>
<td>4</td>
</tr>
<tr>
<td>556</td>
<td>Mechatronics II</td>
<td>3</td>
</tr>
<tr>
<td>557</td>
<td>CAD/CAM I</td>
<td>4</td>
</tr>
<tr>
<td>558</td>
<td>CAD/CAM II</td>
<td>5</td>
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<tr>
<td>560</td>
<td>Computer-Integrated Manufacturing/Processes</td>
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<tr>
<td>562</td>
<td>Manufacturing Processes</td>
<td>4</td>
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<tr>
<td>563</td>
<td>Mechanical Metallurgy</td>
<td>3</td>
</tr>
<tr>
<td>565</td>
<td>High Temperature Alloys</td>
<td>4</td>
</tr>
<tr>
<td>576</td>
<td>Automotive Engineering</td>
<td>4</td>
</tr>
<tr>
<td>580</td>
<td>Graduate Colloquium</td>
<td>1</td>
</tr>
<tr>
<td>584</td>
<td>Problems in Thermal Machinery I</td>
<td>3</td>
</tr>
<tr>
<td>585</td>
<td>Problems in Thermal Machinery II</td>
<td>3</td>
</tr>
<tr>
<td>586</td>
<td>Problems in Thermal Machinery III</td>
<td>3</td>
</tr>
<tr>
<td>589</td>
<td>Special Investigation</td>
<td>1-6</td>
</tr>
<tr>
<td>591</td>
<td>Mechanical Vibrations I</td>
<td>4</td>
</tr>
<tr>
<td>592</td>
<td>Mechanical Vibrations II</td>
<td>4</td>
</tr>
<tr>
<td>593</td>
<td>Lubrication and Bearing Analysis</td>
<td>3</td>
</tr>
<tr>
<td>594</td>
<td>Advanced Machine Design</td>
<td>3</td>
</tr>
<tr>
<td>595</td>
<td>Introduction to Kinetic Theory and Statistical Thermodynamics</td>
<td>4</td>
</tr>
<tr>
<td>596</td>
<td>Experimental Methods in Design</td>
<td>3</td>
</tr>
<tr>
<td>597</td>
<td>Methods of Engineering Analysis I</td>
<td>4</td>
</tr>
</tbody>
</table>
601 Advanced System Analysis and Control 3
604 Mechanics and Control of Multi-Degree-of-Freedom-Systems I 3
605 Dynamics: Theory and Applications I 3
606 Dynamics: Theory and Applications II 3
607 Optimal Control of Dynamic Systems 3
611 Advanced Kinematics 3
620 Free-Piston Stirling Machines 3
622 Design of Stirling Machines 3
625 Stirling Machine Design Project 1–15
630 Active Structures 3
633 Numerical Heat Transfer and Fluid Flow 4
636 Applications of Numerical Methods in Mechanical Design 4
651 Advanced CAD 4
659 Finite Element Applications in Bioengineering 5
675 Destructive Testing of Materials 3
677 Biomedical Engineering Materials 4
681 Research 1–15
695 Thesis 1–15
704 Mechanics and Control of Multi-Degree-of-Freedom Systems II 3
705 Dynamics: Theory and Applications III 3
712 Advanced Heat Transfer 5
720 Advanced Nonlinear Finite Element Analysis 5
751 Advanced Computer-Aided Design 4
760 Advanced CAD/CAM/CAE of Dies and Molds 4
762 Advanced Topics in Non-Newtonian Fluid Dynamics 5
776 Special Topics in Materials Processing 4
780 Colloquium for Doctoral Students 1
784 Fracture and Fatigue of Engineering Materials 4
785 Plasticity: Theory and Application 4
790 Special Topics in Mechanical Engineering 1–6
791 Special Investigations 1–6
797 Advanced Engineering Analysis 4
## Attachment C

### Comparison with Other Ohio Universities

#### Table 1

<table>
<thead>
<tr>
<th>University</th>
<th>Publicly Funded</th>
<th>B.S.</th>
<th>M.S. in ME</th>
<th>Ph.D. in Engineering&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Ph.D. in ME</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Akron</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Case Western Reserve</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Cincinnati</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cleveland State University</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Dayton</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ohio Northern</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Ohio State University</td>
<td>x</td>
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<td></td>
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</tr>
<tr>
<td>Ohio University</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>University of Toledo</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**

a University of Akron, Cleveland State University, and Ohio University offer interdisciplinary Ph.D.s in Engineering with nonstandard focus areas. University of Toledo offers a Ph.D. in Engineering Science with a concentration in ME.

#### Table 2

<table>
<thead>
<tr>
<th>University</th>
<th>Number of ME Faculty&lt;sup&gt;a&lt;/sup&gt;</th>
<th>Number of M.S. Candidates</th>
<th>Number of Ph.D. Candidates&lt;sup&gt;b,c&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case Western Reserve</td>
<td>20</td>
<td>25</td>
<td>55</td>
</tr>
<tr>
<td>University of Cincinnati</td>
<td>33</td>
<td>168</td>
<td>36</td>
</tr>
<tr>
<td>Ohio State University</td>
<td>50</td>
<td>161</td>
<td>115</td>
</tr>
<tr>
<td>University of Akron</td>
<td>18</td>
<td>41</td>
<td>70</td>
</tr>
<tr>
<td>Ohio University</td>
<td>13</td>
<td>56</td>
<td>14</td>
</tr>
<tr>
<td>University of Dayton</td>
<td>16</td>
<td>50</td>
<td>25</td>
</tr>
<tr>
<td>University of Toledo</td>
<td>23</td>
<td>37</td>
<td>63</td>
</tr>
</tbody>
</table>

**Notes:**

a Data were collected from university websites November 13, 2003 including advertised faculty searches, and excluding emeritus faculty.

b For Ohio University the number represent students enrolled in the Integrated Ph.D. program with a Mechanical Engineering focus.

c Numbers shown here represent candidates for the Ph.D. in an interdisciplinary program (Univ. of Akron) or Engineering Science program with a concentration in ME (Univ. of Toledo).
RESOLUTION 2006 - 2025

WHEREAS, maps remain a fundamental tool of geographic communication, and

WHEREAS, the rapid analysis of digital information is a valuable resource for modern map-making, and

WHEREAS, Geographic Information Sciences would provide training for Ohio University students in this important area of study, and

WHEREAS, these certificates will greatly enhance both educational and employment opportunities for many Ohio University students, and

WHEREAS, the faculty, alumni and administration in the Department of Geography support the creation of these certificate programs, and

WHEREAS, the provost supports this endeavor,

NOW, THEREFORE BE IT RESOLVED, that the Department of Geography, in the College of Arts and Sciences, offer undergraduate and graduate certificates in Geographic Information Sciences.
Date: January 27, 2006

To: Roderick McDavis, President

From: Kathy Kreidl, Provost

Subject: Undergraduate and Graduate Certificates in Geographic Information Sciences (GIS)

This memorandum is written to express my support for the creation of undergraduate and graduate certificate programs in Geographic Information Sciences (GIS). These programs will be offered through the College of Arts and Sciences and housed within the Department of Geography.

Maps remain a fundamental tool of geographic communication and the development of GIS has allowed for the rapid analysis of digital information, a valuable resource for modern map making. GIS is a rapidly emerging science and has proven to be a useful application and research tool in a number of disciplines. Therefore, the addition of the undergraduate and graduate certificates in GIS will greatly enhance educational opportunities for many of our students.

I am pleased to provide my full support for the creation of both the undergraduate and graduate certificates in GIS.
A Proposal for an

UNDERGRADUATE CERTIFICATE IN GIS

Submitted by the Department of Geography

Recommended for approval:

Jane Ryan  
Department Curriculum Chair  
Date 11/5/04

Department Chair  
Date 11/7/04

Dr. Steinsvick  
College Curriculum Chair  
Date JAN 25 2005

College Dean  
Date JAN 25 2005

Programs Committee  
Date 4/12/05

Approved:

Paul  
University Curriculum Council  
Date 4/12/05

Lilia  
2-2-06

56
A Proposal for a

GRADUATE CERTIFICATE IN GIS

Submitted by the Department of Geography

Recommended for approval:

Date 11/5/04

Department Curriculum Chair

Date 11/7/04

Department Chair

Date FEB 8 2005

College Curriculum Chair

Date FEB 8 2005

College Dean

Date 4/12/05

Programs Committee

Approved:

Date 4/12/05

University Curriculum Council
Maps remain a fundamental means of geographic communication, and the expanding role of the map and related digital information places a premium on the ability to interpret and analyze mapped information. To meet this expanded role, the advancement of Geographic Information Science (GIS) is seen as the important synthesis of traditional mapping with the more advanced tools of data modeling and analysis. The power in GIS is the use of spatial analysis techniques to analyze geographic information. The reach of GIS expands into all disciplines and has become a primary employment opportunity.

These proposed certificate programs (undergraduate and graduate) offer a balance of theory and technical training in GIS for student at Ohio University. GIS courses draw students from a number of disciplines, including biology, engineering, geology, communications, business, anthropology, health sciences, international studies, education, and environmental studies. The proposed certificate programs are designed to be sufficiently flexible to accommodate students working toward their degree in the university as well as those students who already have a degree and see additional expertise in the application of these technologies in their work environment.

GIS certificates are offered at most universities with programs that have GIS expertise. This reflects the high demand for GIS outside of geography departments, the traditional home department of most GIS programs. Such certificate offer non-geography majors an opportunity to gain the knowledge, theory, and training to use GIS as a tool to answer research questions relevant to their disciplines. In addition, the job market for individuals with GIS training continues to grow rapidly. Individuals with experience in GIS, particularly its use for research and problem-solving, will improve their chances of finding meaningful employment. Toward that end, the Undergraduate Certificate offers an internship option which will allow students to apply GIS to a research- or job-related project.

Students will apply to the undergraduate GIS certificate program within the College of Arts and Sciences. The certificate will be open to any student who meets the prerequisites for the required coursework. Geography majors will be excluded from the GIS certificate.

Students wishing the graduate GIS certificate will submit applications to an admissions committee consisting of three faculty members from the Geography Department.

**Undergraduate Certificate in GIS**

**Prerequisite Courses:** Take two (2) courses; one (1) from each area.

<table>
<thead>
<tr>
<th>Area 1: Statistics</th>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGON 381</td>
<td>Introduction to Econometrics</td>
<td>4</td>
</tr>
<tr>
<td>ISE 304</td>
<td>Applied Engineering Statistics</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 271</td>
<td>Introduction to Statistics in Geography</td>
<td>4</td>
</tr>
<tr>
<td>GEOL 205</td>
<td>Statistical Methods in Geology</td>
<td>4</td>
</tr>
<tr>
<td>MATH 250</td>
<td>Introduction to Probability and Statistics</td>
<td>4</td>
</tr>
<tr>
<td>PSY 221</td>
<td>Statistics for Behavioral Sciences</td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Area 2: Computer Applications</th>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMT 200</td>
<td>Introduction to Business Computing</td>
<td>4</td>
</tr>
<tr>
<td>CS 120</td>
<td>Computer Literacy</td>
<td>4</td>
</tr>
<tr>
<td>CTCH 125</td>
<td>Introduction to Computers</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 268</td>
<td>Computer Applications in Industrial Technology</td>
<td>4</td>
</tr>
<tr>
<td>IT 103</td>
<td>Computer Applications in Industrial Technology</td>
<td>4</td>
</tr>
<tr>
<td>MIS 201</td>
<td>Introduction to Microcomputers</td>
<td>3</td>
</tr>
</tbody>
</table>

**Core Courses:** Take three (3) courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEOG 360</td>
<td>5</td>
</tr>
<tr>
<td>GEOG 370</td>
<td>4</td>
</tr>
<tr>
<td>GEOG 478</td>
<td>5</td>
</tr>
</tbody>
</table>
Undergraduate Certificate in GIS, continued

Support Courses: Take two (2) courses; one (1) from each area

Area 3: Programming — Choose one (1) course from the following
CS 210 (5) Programming in C
CS 230 (5) Computer Programming I
A new course will come forward in 2005-06

Area 4: Database Management — Choose one (1) course from the following
MIS 235 (4) Advanced Microcomputer Database Applications
A new course will come forward in 2005-06 to provide students with an option

Capstone Course
Geog 485A (5) GIS Certificate Internship

Letters of support were received from:
Center for International Studies
Environmental Studies
Biological Sciences
Environmental and Plant Biology
Environmental Health Sciences
Geological Sciences
Anthropology
Voinovoich Center's Institute for Local Government and Rural Development

Prerequisites for the courses listed in the proposed GIS certificate have been reviewed and addressed.

Graduate Certificate in GIS
Given the anticipated diversity of students enrolling in the program, the curriculum should be sufficiently flexible to meet the needs of every student who chooses to earn the certificate. At the same time the certificate maintains a core course and a choice of supporting courses that will provide the students with the necessary foundation in GIS theory and application.

The requirements for the certificate are the completion of the core course, two (2) courses from the list of supporting course, and one (1) elective course. The curriculum requires no new courses.

Core Course — GEOG 578 (5) Principles of GIS

Supporting Courses: Take two (2)
GEOG 560 (5) Cartography
GEOG 566 (5) Remote Sensing
GEOG 570 (5) GIS Applications
GEOG 579 (5) Geographic Information Analysis

Electives: Take one (1)
BIOS 670 (5) Biostatistics I
CE 515 (3) Geodetic Surveying
CS 509N (4) C++ for Non-majors
EE 664 (3) Digital Image Processing
GEOL 505 (6) Modeling and Computational Methods in Geology
HLTH 604 (4) Research and Quantitative Methods for Health Sciences
MIS 580 (4) Business Database
PBIO 515 (5) Quantitative Methods in Plant Biology
PBIO 536 (5) Plant Community Ecology
SOC 550 (5) Data Analysis
NAME CHANGE FROM THE
"DEPARTMENT OF CHEMICAL ENGINEERING" TO THE
"DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING"

RESOLUTION 2006-2026

WHEREAS, chemical engineering applications have proven to be highly beneficial to the biotechnology and medical industries, and

WHEREAS, collaborations between the biotechnology and engineering disciplines have given rise to a new discipline referred to as Biomolecular Engineering, and

WHEREAS, the emergence of the Biomolecular Engineering discipline has created numerous employment and research opportunities for scientists and engineers, and

WHEREAS, the Russ College of Engineering and Technology is taking major steps to make the most of these opportunities by committing current and future college resources to the Biomolecular Engineering discipline, and

WHEREAS, the recent creation of the Master of Science program in Biomedical Engineering is a prime example of this commitment, and

WHEREAS, the faculty, alumni and administration in the Department of Chemical Engineering support this endeavor along with the name change, and

WHEREAS, the provost concurs,

NOW, THEREFORE BE IT RESOLVED, that the Department of Chemical Engineering hereinafter be referred to as the Department of Chemical and Biomolecular Engineering.
Date: January 27, 2006

To: Roderick McDavis, President

From: Kathy Krendl, Provost

Subject: Name Change for the Department of Chemical Engineering

This memorandum is written to express my support for the change in the name of the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering.

In the past, the discipline of Chemical Engineering has been firmly rooted in the traditional mathematical, physical and chemical sciences. Recently, with the rapid emergence of the biotechnology field, chemical engineering applications have proven to be highly beneficial to the biotechnology and medical industries. This collaboration between the biotechnology and engineering disciplines has given rise to a new application area of engineering referred to as Biomolecular Engineering.

The emergence of the Biomolecular Engineering discipline has created numerous employment and research opportunities for scientists and engineers. The Russ College of Engineering and Technology has recently taken a major step in realizing these opportunities by making a commitment to focus current and future college resources in the biomolecular engineering discipline. The recent creation of the Master of Science program in Biomedical Engineering is a prime example of such a commitment. Changing the name of the Department of Chemical Engineering to add Biomolecular Engineering further signifies this commitment to realize these emerging opportunities in the engineering discipline.

I am therefore pleased to provide my full support for this suggested name change.
Attached is a proposal to change the name of the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering. The attached proposal provides the justification and rationale for the name change, letters from interested departments, and a letter of support from the Russ College curriculum chair.

Recommended Approval:

[Signatures and dates]
Proposal to Change the Name from the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering

Introduction

Over the past year the Department of Chemical Engineering has been considering a change in the name of the department. This is due to the realization that biological processes play an increasingly important role in the evolution of the chemical engineering profession. With this in mind, the proposal is put forth to change our department name to the Department of Chemical and Biomolecular Engineering. This name is reflective of both our profession and our curriculum which provides a background in chemical and biological sciences, combined with skills in engineering analysis and design to produce graduates capable of contributing in either the chemical processing or bioengineering industries.

In making this name change will require no new resources, either in faculty or laboratories. Any and all course requirement changes within the curriculum changes have been made utilizing existing courses.

The sections that follow contain further justification for this change, a summary of the process the department went through in arriving at this decision, and a summary of what effect if any the change has on the curriculum and accreditation. Following that are several attachments supporting the proposal.

Justification

Chemical engineering has traditionally been viewed as the engineering field that links chemistry to engineering. As such, chemical engineering has been supported by three enabling sciences: mathematics, physics, and chemistry. Biology is now being recognized as a fourth enabling science for chemical engineering. Recent advances in the biological sciences have resulted in an increasing number of chemical engineering applications in biological systems. Long seen as manipulators in the molecular world, chemical engineers are finding new applications and opportunities in the area of molecular biology and its commercial application in the expanding biotechnology industry. The discipline of chemical engineering is now moving to incorporate these new, biology-related applications in a more systematic manner. For example chemical engineers are contributing to research and commercial technology in the areas of bioprocessing, bioseparations, biocatalysis, metabolic engineering, gene therapy, cell and tissue engineering, drug design, discovery and delivery, functional genomics and proteomics. Fundamentally, both chemistry and biology are molecularly based. It is this molecular basis that closely links both sciences to the discipline of chemical engineering. The increasingly quantitative nature of biology has led to the point where biology can now be considered a foundation science for chemical engineering. This trend can be expected to continue, representing a permanent and important change in the scope of our field.

Our proposed name change is not being made in a vacuum. Rather, it is being proposed as part of a national trend in chemical engineering. The explicit incorporation of biology into the chemical
engineering curriculum has been the subject of three recent specialty workshops sponsored by the National Science Foundation under the auspices of the Council for Chemical Research in 2003 (http://mit.edu/che-curriculum/) as well as sessions held at Council for Chemical Research (2003, 2004), American Society for Engineering Education (2004), and American Institute of Chemical Engineers (2003, 2004) national meetings. The emerging importance of biology to the chemical engineering endeavor has been recognized in each of these venues.

Many other departments of chemical engineering in the United States have recently changed their names or have initiated processes to change their names to reflect their increased focus on systems supported by the life sciences. Several have shared their rationale for their name change on the web (University of Wisconsin from Department of Chemical Engineering to Department of Chemical and Biological Engineering - http://www engr.wisc.edu/che/namechange.html; Ohio State University from Department of Chemical Engineering to Department of Chemical and Biomolecular Engineering - http://www.che.eng.ohio-state.edu/generalinfo/Web_Release.pdf). Attached to this proposal is a partial list of chemical engineering departments that have already modified their names to reflect this new direction. The name change for our department will help us demonstrate to prospective or current students that Ohio University will prepare them for career opportunities in the biologically-related industries, as well as the conventional chemical process industries, upon graduation from Ohio University.

Process Undertaken

Discussions of our department name change have taken place at numerous faculty meetings during the 2003-2004 academic year. As explained in the Justification section above, the discussion was centered around the question “Has the chemical engineering profession reached a point where biology is a foundation science for the field?” Once we answered in the affirmative, a discussion took place as to what curricular changes to make. It was found that at the time of these discussions chemical engineering departments at approximately twenty schools had modified their names. An investigation was made of the programmatic changes they had made to accompany their name change. The changes ranged from schools that merely changed their name to those where ‘bio’ content was added to all courses throughout the curriculum.

Spring of 2004 three different faculty members attended a series of three NSF sponsored workshops at Tufts University specifically designed to address the question of what “bio” content should be included in a chemical engineering curriculum (http://ase tufts.edu/chemical/news/ workshop.asp). The specific curricular changes to be adopted by the Ohio University Department of Chemical Engineering are outlined in the following section.

Curriculum Changes and Accreditation Issues

The following three changes are being made to our undergraduate curriculum. These changes will go into effect in the 2005-2006 academic year, regardless of the outcome of the name-change proposal.

- All students will acquire basic biological science literacy. In the summer of 2004
discussions were held with representatives of the Department of Biological Sciences to decide which course or courses would be appropriate for chemical engineering students to take as a curricular requirement. It was decided that BIOS 170 covered a majority of the topics desired.

- Biological content will be added to the current chemical engineering core courses through appropriate examples and problems. This is already being done to a small degree in some lecture courses, and a cell growth experiment has been added to the senior Unit Operations Laboratory. It is important to note that no current chemical engineering core courses are being removed from the curriculum. Also no new courses need to be created for the change. Our degree will still be accredited by ABET as a chemical engineering degree.

- All students in the department will be required to take one of the two departmental bioengineering courses, either CHE 481- Biochemical Engineering, or ChE 483 - Biomedical Engineering. These courses specifically focus on chemical engineering applications in the “bio” area.

In making these curricular changes, we believe that we are being true to the promise implied in the proposed departmental name change. The new name, the Department of Chemical and Biomolecular Engineering, also describes who we are, since three of our ten faculty members (Goetz, Gu, Ridgway) are or have been engaged in engineering research and graduate student education and training supported by the science of biology.

A name change cannot occur without a eye on the implications to the department’s accreditation. At a recent meeting of chemical engineering department chairs held in conjunction with the 2005 national meeting of the American Institute of Chemical Engineers, it was learned that as many as nine engineering societies have some vested interest in the science of biology. Several name possibilities were determined to be ill advised at this time including the name “biological” (seemingly claimed by agricultural engineering programs) and “biomedical” engineering (reasonably claimed by biomedical engineering programs). The names “biomolecular” and “biochemical” were identified as both safe (from an accreditation perspective) and appropriate for adoption by chemical engineering programs. Our faculty voted to include “biomolecular” in the proposed new name for our department.

Attachments:

(1) List of name changes in chemical engineering departments.
(2) The Chemical and Biomolecular Engineering curriculum.
(3) Letters from interested departments and individuals.
### Chemical Engineering Departments that have added Bio. to their name as of Fall 2004

<table>
<thead>
<tr>
<th>University Name</th>
<th>Department Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>University of Alabama</td>
<td>Chemical and Biological Engineering</td>
</tr>
<tr>
<td>University of Colorado</td>
<td>Chemical and Biological Engineering</td>
</tr>
<tr>
<td>Georgia Institute of Technology</td>
<td>Chemical and Biomolecular Engineering</td>
</tr>
<tr>
<td>University of Illinois at Urbana-Champaign</td>
<td>Chemical and Biomolecular Engineering</td>
</tr>
<tr>
<td>Northwestern University</td>
<td>Chemical and Biological Engineering</td>
</tr>
<tr>
<td>University of Notre Dame</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>University of Iowa</td>
<td>Chemical &amp; Biochemical Engineering</td>
</tr>
<tr>
<td>Tulane University</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>University of Maine</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>Johns Hopkins University</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>University of Maryland, Baltimore County</td>
<td>Chemical &amp; Biochemical Engineering</td>
</tr>
<tr>
<td>Tufts University</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>University of Missouri-Rolla</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>Montana State University</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>Dartmouth College</td>
<td>Biotechnology &amp; Biochemical Engineering</td>
</tr>
<tr>
<td>Rutgers, The State University of New Jersey</td>
<td>Chemical and Biochemical Engineering</td>
</tr>
<tr>
<td>Stevens Institute of Technology</td>
<td>Chemical &amp; Biomedical Engineering</td>
</tr>
<tr>
<td>Cornell University</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>Polytechnic University</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>Rensselaer Polytechnic Institute</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>State University of New York at Buffalo</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>Cleveland State University</td>
<td>Chemical &amp; Biomedical Engineering</td>
</tr>
<tr>
<td>Ohio State University</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>University of Oklahoma</td>
<td>Chemical &amp; Biological Engineering</td>
</tr>
<tr>
<td>University of Pennsylvania</td>
<td>Chemical &amp; Biomolecular Engineering</td>
</tr>
<tr>
<td>Christian Brothers University</td>
<td>Chemical &amp; Biochemical Engineering</td>
</tr>
<tr>
<td>Washington State University</td>
<td>Chemical &amp; Bioengineering</td>
</tr>
<tr>
<td>University of Wisconsin Madison</td>
<td>Chemical and Biological Engineering</td>
</tr>
</tbody>
</table>
## Chemical Engineering Curriculum starting Fall 2005

*(approved 18 November 2004)*

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 151 (5) - Gen Chemistry I</td>
<td>Chem 152 (5) - Gen Chemistry II</td>
<td>Chem 153 (5) - Gen Chemistry III</td>
</tr>
<tr>
<td>Math 263A (4) - Calculus I</td>
<td>Math 263B (4) - Calculus II</td>
<td>Math 263C (4) - Calculus III</td>
</tr>
<tr>
<td>Eng 151/2/3 1 (5) - Fresh. Eng.</td>
<td>Tier II H/S/C 1,2 (4)</td>
<td>Tier II H/S/C 1,2 (4)</td>
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<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>Chem 305 (3) - Organic Chem I</td>
<td>Chem 306 (3) - Organic Chem II</td>
<td>ChE 201 (4) - Energy Balances</td>
</tr>
<tr>
<td>Math 263D (4) - Calculus IV</td>
<td>Math 340 (4) - Diff. Eqns.</td>
<td>ChE 331 (4) - Mat. Sci. and Eng</td>
</tr>
<tr>
<td>Phys 251 (5) - Physics I</td>
<td>Phys 252 (5) - Physics II</td>
<td>Phys 253 (5) - Physics III</td>
</tr>
<tr>
<td>Bios 170 (5) - Intro. to Zoology</td>
<td>ChE 200 (4) - Material Balances</td>
<td>Tech Elect 3, 4 (3)</td>
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</tbody>
</table>

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<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>ChE 305 (4) - ChE Thermo I</td>
<td>ChE 306 (4) - Phase Equilibria</td>
<td>ChE 307 (3) - ChE Kinetics</td>
</tr>
<tr>
<td>ChE 345 (5) - ChE Fluid Mech</td>
<td>ChE 346 (5) - ChE Heat Transfer</td>
<td>ChE 347 (5) - ChE Mass Transfer</td>
</tr>
<tr>
<td>ChE 400 (3) - ChE Calculations</td>
<td>Tech Elect 3, 4 (3)</td>
<td>ChE 408 (3) - Exp Design</td>
</tr>
<tr>
<td>Tech Elect 3, 4 (3)</td>
<td>Eng 30XJ (4) - Junior Eng.</td>
<td>Tech Elect 3, 4 (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChE 308 (4) - ChE Reactor Des</td>
<td>ChE 416 (3) - Unit Ops Lab II</td>
<td>ChE 417 (2) - Proc. Cont. Lab</td>
</tr>
<tr>
<td>ChE 415 (3) - Unit Ops Lab I</td>
<td>ChE 442 (4) - Process Control</td>
<td>ChE 444 (4) - Process Design II</td>
</tr>
<tr>
<td>ChE 448 (3) - ChE Proc Safety</td>
<td>ChE 443 (4) - Process Design I</td>
<td>ChE 499 (1) - ChE Sr Assessment</td>
</tr>
<tr>
<td>Chem 453 (3) - P Chem I</td>
<td>ChE 481 or 483 (3) BioXXX Eng</td>
<td>Tier III (4)</td>
</tr>
<tr>
<td>Tech Elect 3, 4 (3)</td>
<td>Chem 454 (3) - P Chem II</td>
<td>Tech Elect 3, 4 (3)</td>
</tr>
</tbody>
</table>

1. Eng 15X, Free Elective, and the (2) Tier II classes can be taken in any order.
2. Tier II is satisfied with a four-hour course in 2 of these three areas. The Applied Science and Natural Science areas are met automatically.
3. There is a list of pre-approved technical electives available.
4. 6 hours of the technical electives must be in advanced chemistry and 3 hours must be in chemical engineering.
5. If both ChE 481 and 483 are completed, one of them will count for technical elective credit.
Memorandum

To: University Curriculum Committee
From: Laura DiCaprio, Chair
       Biological Sciences Curriculum Committee
Date: 03/09/2005
Re: Name Change: Chemical Engineering

The curriculum committee in Biological Sciences has reviewed the proposal to change the name of the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering. The name change is consistent with the discipline and with recently instituted curricular changes. We support the proposal.
Darin,

Our Department Chair and I and two other faculty members in Environmental and Plant Biology have reviewed the name change proposal from the Department of Chemical Engineering. We do not have any concerns about the name change as such, but we do question the inclusion of only a single biology course in the undergraduate curriculum of a department with the name "Chemical and Biomolecular Engineering". We suggest that students be required to take at least one additional course in BIOS and/or P810.

We also encourage you to consider PBIO 114 as an alternative to BIOS 170. The courses are similar in many ways (see course overview in the attached syllabus), and students get more personal attention in PBIO 114 because of its smaller enrollment. Why not give students a choice between the two courses?

Phil

Philip D. Cantino
Professor and Associate Chair
Department of Environmental and Plant Biology
Ohio University
Athens, OH 45701-2979
U.S.A.

Phone: (740) 593-1128; 593-1126
Fax: (740) 593-1130
e-mail: cantino@ohio.edu
The Department of Chemistry and Biochemistry has considered the name change proposal from the Department of Chemical Engineering. There is no opposition to changing the name to the Department of Chemical and Biomolecular Engineering.

Lauren McMills  
Curriculum Chair
To: Darin Ridgway <ridgway@ohio.edu>
Reply-To: ostermann@eecs.ohiou.edu
From: "Shawn Ostermann" <ostermann@eecs.ohiou.edu>
Subject: Re: ChE dept name change: proposal
Date: Fri, 11 Mar 2005 14:28:57 -0500
Sender: sdo@picard.cs.ohiou.edu

Darin,
I read through your proposal. You give a good justification for the name change. I believe that name change is in the best interest of your department and the college and on behalf of the school of EECS, I recommend that it be approved.

Shawn

---

Dr. Shawn Ostermann - EECS Department Chair - Ohio University
330 Stocker Center, Ohio University, Athens, Ohio 45701-2979
ostermann@eecs.ohiou.edu — FAX: (740)593-0007 — Voice: (740)593-1566
http://www.eecs.ohiou.edu/faculty/ostermann.html http://www.eecs.ohiou.edu

Darin Ridgway <ridgway@ohio.edu> wrote:

> Shawn
> > I'm not sure, since you can't really find any rules or procedures for doing this. I guess it wouldn't hurt. An email should be fine.
> >
> > Darin
Subject: RCENT Curriculum and Assessment Committee (CAC) Approval of Chemical Engineering Department Name Change

The proposal to change the name from the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering was formally presented to the RCENT Curriculum and Assessment Committee (CAC) on March 8, 2005. After a general discussion each member was asked to run it through their respective department to verify that there were no significant objections.

The proposal was reintroduced, discussed and unanimously approved at the April 5, 2005 CAC meeting.

By my signature I certify that the Russ College CAC supports the departmental name change proposal.

Sincerely,

Gregory V. Kremer, Ph.D.
Chair, Russ College Curriculum and Assessment Committee
Associate Professor, Mechanical Engineering Department
251 Stocker Center, Athens, OH 45701-2979
Phone: (740) 593-1561, Fax: (740) 593-0476, E-mail: kremer@ohiou.edu
Sales Certificate in Financial Services

RESOLUTION 2006 - 2027

WHEREAS, a Sales Certificate in Financial Services would meet a timely need in the business community, and

WHEREAS, students in any college within the University can obtain this certificate, and

WHEREAS, students in the Colleges of Business, Health and Human Services, Arts and Sciences, and Communication would especially benefit from such a program, and

WHEREAS, the addition of the certificate to students' degrees would greatly enhance their educational experience and career opportunities, and

WHEREAS, this certificate would be a strong addition to the three current certificates offered through The Sales Centre at Ohio University, and

WHEREAS, the faculty and administration support the creation of this certificate program, and

WHEREAS, the provost concurs,

NOW, THEREFORE BE IT RESOLVED, that The Sales Centre, sponsored by the College of Business, offer a Sales Certificate in Financial Services.
Date: January 27, 2006

To: Roderick McDavis, President

From: Kathy Krendl, Provost

Subject: Proposed Sales Certificate in Financial Services

This memorandum is written to express my support for the development of a new Sales Certificate in Financial Services to be awarded by The Sales Centre of Ohio University. This certificate, focusing on Financial Services, will be a strong addition to the three current certificates offered through the Centre. The certificate meets a timely need in the business community and students from several colleges within the institution, including the Colleges of Business, Health and Human Services, Arts and Sciences and Communication will be able to apply for admission. The addition of the certificate to their Ohio University degree will greatly enhance their educational experiences and career opportunities.

I am pleased to lend my support to the development of this certificate program.
Date: June 1, 2005

To: The University Curriculum Council

From: Kenneth L. Hartung, Executive Director, The Sales Centre

Subject: Proposal for a Sales Certificate with a Financial Services Focus

The attached proposal reflects a collaborative effort of The Sales Centre at Ohio University and the School of Accountancy, the Finance Department and the Insurance Institute within the College of Business to offer a Sales Certificate with a Financial Services Focus.

Memos or emails of support for this new program are attached from the Marketing Department where the sales courses are offered, the Insurance Institute, the School of Accountancy and the Finance Department of the College of Business.

An email from Communication Studies is attached indicating their awareness of the proposed program and approval with the understanding of the potential difficulty in enrolling in certain courses.

We expect to recruit 20-30 students who will successfully apply for a Sales Certificate with a Financial Services Focus during the academic year 2005-2006.

Should you have any questions, please contact me at your earliest convenience....hartung@ohio.edu or 3-9328.

Thank you.
Proposal for: The Sales Certificate Specializing in Financial Services

PROPOSAL:

Sales Certificate – Financial Services

The Sales Centre at Ohio University embraces a strategy of meeting the market needs of companies hiring college seniors by offering specialty sales programs. Currently, three sales certificates have been approved and are offered to Ohio University students: Professional, Retail and Media. It is proposed that The Sales Centre at Ohio University offer a Sales Certificate with a Financial Services Focus to meet the market needs of banking institutions, insurance companies, investment entities and accounting firms. The careers of many, if not most, students majoring in finance and accounting today at Ohio University will include some aspect of selling financial services and they would benefit greatly from obtaining a Sales Certificate with a Financial Services Focus.

Need for a Financial Services Focus:

Void in Current Academic Programming. The finance and accounting majors at Ohio University are strong programs with demonstrated histories of preparing graduates for success in industry careers. There is currently, however, no opportunity for finance and accounting students to prepare specifically for selling financial services. We believe that such a sales program would give students a “fair, unfair advantage” in the banking, insurance, investment and accounting job marketplaces. Ohio University needs to expand career opportunities for its students and one way it can do so is by introducing the Sales Certificate with a Financial Services Focus.

Strong Demand. According to the career research company Fast Company, one of the 25 Top Jobs for 2005 is a career as a Personal Financial Advisor. Fast Company projects a strong job growth of almost 35% through 2012. And, according to Chris Johnson, a Manager for American Express Financial Advisors, success as a financial advisor requires both financial acumen and excellent selling skills. National City Corporation and Fifth Third Bank both hire approximately 120 new Retail Banking Associates each year and according to executives from each, they would be inclined to hire more Ohio University graduates if this financial services sales certificate program existed. “The financial services industry is very robust, including banking, securities/brokerage and insurance”, according to Christina Borror (Vice President at National City Corporation), “and there are unlimited opportunities for sales professionals in this industry”. Lynsey Bennington, Director of Recruiting for KPMG, believes this financial services sales certificate program would give Ohio University accounting majors a “leg up and a good base for more confidence selling accounting services to clients” once they reach that stage in their careers. Dr. Ray Stephens, Director of the School of Accountancy at Ohio University, believes this financial services sales certificate program would produce “accounting graduates with something else”... added value... “and would help Ohio University accounting graduates move to the next level” of success in their careers.
Proposal for: The Sales Certificate Specializing in Financial Services

Aaron Stone, a Financial Representative for Northwestern Mutual Insurance, says “There is an absolute need for this new sales program. Financial institutions would be beating down the door for the graduates.”

Little Competition. While financial services education is widespread and exists in a highly competitive environment, we are aware of only one undergraduate program in Minnesota that specifically offers financial services selling. Undergraduate academic programs that prepare students for careers in banking, insurance, investment and accounting do not specifically include sales education. We believe, therefore, that this new financial services sales certificate program would create a unique niche for Ohio University in recruiting prospective students to the university and would support the career development and career success of the University’s finance and accounting majors.

Benefits of a Financial Services Focus:

A Sales Certificate with a Financial Services Focus would create value for students, businesses and Ohio University.

Student Benefits:

- Learn to sell effectively in a variety of financial services environments;
- Differentiate themselves favorably in their initial job search as a college senior from others who have not had undergraduate sales education;
- Have more choice in selecting a job due to more companies recruiting at Ohio University;
- Excel in sales training offered to new employees once hired after graduation; and
- Compete more effectively throughout their financial services careers.

Business Benefits:

- Targeted, less expensive and more effective recruiting opportunities;
- Less time and investment involved training new hires in sales skills;
- More revenue generation potentially from new hires;
- The opportunity to hire college seniors into jobs that may have previously been limited to persons with some experience;
- The opportunity to hire college seniors who know what they want to do based on their exposure to the business world via a unique sales program.
Proposal for: The Sales Certificate Specializing in Financial Services

**Benefits to Ohio University:**

- Increased recruiting interest from banks, insurance companies, investment entities and accounting firms;
- Better opportunity to recruit high quality students to the University due to a unique program;
- National recognition for a unique educational offering;
- Increased opportunities for fundraising with companies that recruit and hire our graduates.
- Better sales research opportunities due to relationships with business firms based on the value *The Sales Centre* creates for them in recruiting and hiring.

**Implementation:**

*Basic Requirements.* Acceptance requirements and program expectations would be the same as for the three currently approved sales certificates offered by *The Sales Centre at Ohio University*. Criteria for admission includes a minimum 2.75 gpa and an overall gpa of 2.5 is required in certificate courses.

*Curriculum Specialization.* To earn the Sales Certificate with a Financial Services Focus, students will be required to take MKT 358 Professional Selling Techniques, MKT 458 Sales Management and to pursue a senior, level 498 internship at a bank, insurance company, investment entity or accounting firm for practical, work experience in their field. MKT 420 Services Marketing which reflects the increasing proportion of GNP in the service sector and examines industries that do not sell a physical good as their main offering to the public has been added along with MKT 491 Seminar in Sales to choose from as the one Advance Course selection required. In addition, the students must select one of three Communication class options as a requirement. Two cross disciplinary requirements must be selected from three insurance finance classes, two financial planning classes, one financial institutions class, two tax accounting classes, one auditing accounting class and one advanced accounting class.

*Program Customization.* Additional Professional Sales Advisory Board Members will be recruited to represent banks, insurance companies, investment firms and accounting firms to provide mentors, networking, learning opportunities and potential internships/full time jobs for Ohio University students in the program. Current Board Members from such firms as State Farm Insurance, Sky Insurance, Raymond James Financial Services, National City Corporation, Northwestern Mutual Insurance, and Fifth Third Bank are supportive of this new Certificate with a Financial Services Focus and anxious to implement. Faculty from the College of Business Finance and Accounting Departments will participate in the program, actively advise students and recruit firms from the financial services industries to actively engage in the new sales program.
Proposal for: The Sales Certificate Specializing in Financial Services

Proposal for: The Sales Certificate with a Financial Services Focus at Ohio University

The College of Business through The Sales Centre at Ohio University sponsors the undergraduate Sales Certificate Program for students wishing to obtain special preparation for successful professional development. The Sales Certificate Program is open to students in any major within the University who want to gain knowledge and understanding about professional selling.

Completion of this program, which is similar to a minor, results in the awarding of a certificate and is officially recognized on transcripts upon graduation. Once accepted into the program, a student can earn a Sales Certificate with a Financial Services Focus by completing 28 hours of approved coursework selected from the courses outlined below. Be advised that some courses require prerequisites and plan accordingly.

<table>
<thead>
<tr>
<th>Core Requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 358 Professional Selling Techniques 4</td>
</tr>
<tr>
<td>MKT 458 Sales Management 4</td>
</tr>
<tr>
<td>ACCTG 498 or FIN 498 Internship 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Advanced Courses (must select one):</th>
</tr>
</thead>
<tbody>
<tr>
<td>MKT 420 Services Marketing 4</td>
</tr>
<tr>
<td>MKT 491 Seminar in Sales 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communication Requirement (must select one):</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMS 206 Communication in Interpersonal Relationships 4</td>
</tr>
<tr>
<td>COMS 215 Argumentative Analysis and Advocacy 4</td>
</tr>
<tr>
<td>COMS 342 Communication and Persuasion 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cross-disciplinary Requirements (must select two):</th>
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<tbody>
<tr>
<td>In addition to the courses listed above, two additional cross-disciplinary course (8 hours) are needed to fulfill the 28 hour requirement. The following courses are suggested*:</td>
</tr>
<tr>
<td>FIN 331 Risk and Insurance 4</td>
</tr>
<tr>
<td>FIN 410 Personal Financial Planning 4</td>
</tr>
<tr>
<td>FIN 428 Management of Financial Institutions 4</td>
</tr>
<tr>
<td>FIN 436 Life Insurance 4</td>
</tr>
<tr>
<td>FIN 437 Personal and Business Financial Planning 4</td>
</tr>
<tr>
<td>FIN 440 Group Insurance and Benefits 4</td>
</tr>
<tr>
<td>ACCTG 317 Federal Income Taxes 4</td>
</tr>
<tr>
<td>ACCTG 406 Advanced Accounting 4</td>
</tr>
<tr>
<td>ACCTG 451 Auditing Principles 4</td>
</tr>
<tr>
<td>ACCTG 491 Seminar in Taxation 4</td>
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</tbody>
</table>
Criteria for admission into the Sales Certificate Program include: 1) submission to The Sales Centre office of a completed application form; 2) submission to The Sales Centre office of a copy of the applicant's most recent DARS report indicating an overall g.p.a. of 2.75 or higher; 3) submissions to the Sales Centre office of the applicant's resume demonstrating the characteristics that support a successful sales career, for example, a strong work ethic; and 4) completion by the applicant of a panel interview with Sales Centre faculty and others. Further, applicants demonstrating past sales experience, either paid or unpaid, are preferred. Application forms may be picked up from The Sales Centre office in Copeland 609.

Admission to this certificate program is competitive. Admission cannot be guaranteed to all students meeting the admission criteria. The Sales Centre will admit students up to its enrollment ceiling, and students judged to have the highest probability of success will be admitted. Members of groups historically underrepresented in business will receive special consideration.

Each quarter those accepted into the Sales Certificate program will have their progress tracked by DARS. An overall g.p.a. of 2.5 in certificate courses is required. The Sales Certificate will be awarded only to students who have been accepted into the Sales Certificate Program and who have fulfilled all certificate requirements. Students will need to consult the Executive Director of The Sales Centre before the deadline for graduation to ensure that the certificate will be awarded. For more information about the program, contact the Executive Director of The Sales Centre at 740.593.9328 or email thesalescentre@ohio.edu. Visit our website at www.thesalescentre.com.
May 22, 2005

To: Ken Hartung, Director, Sales Center

From: Ray Stephens, James E. Daley Professor and Director, School of Accountancy

Subj: Sales Certificate with a Financial Services Focus

I have completed the review of the materials concerning the Sales Certificate in Financial Services forwarded by your memorandum of May 20, 2005. The School of Accountancy is fully supports the development of this certificate.
Per your memo of May 20, 2005, I have reviewed the proposal for a Sales Certificate with a Financial Services Focus. My review of this proposal leads me to believe that the Sales Certificate with a Financial Services Focus will provide a competitive advantage to students completing the certificate, as well as to Ohio University. I am pleased to support this new Sales Certificate program.
Message from John Reynolds, Director of the Insurance Institute:

The Insurance Institute supports the proposed Sales Certificate with a Financial Services Focus. Please keep me informed.

Gail Houlette
Administrative Associate
Finance Department

The truly educated never graduate.
To: Ken Hartung <hartung@ohio.edu>
Subject: Re: Sales Certificate in Financial Services
Cc: rao@ohio.edu, hale@ohio.edu

Dear Ken,

The inclusion of COMS 206, 215, or 342 in the proposed Sales Certificate in Financial Services is okay with the understanding that 206 and 215 are required courses in our Core; thus, they have limited space for external students. Pending approval of the "majors set aside" for those courses, students may register on the COMS electronic Waiting List accessed from the COMS home page (http://coms.ohiou.edu).

Good luck,
Anita James

"A university should be a place of light, of liberty, and of learning."
—Benjamin Disraeli

Anita C. James, Ph.D.
Associate Director for Undergraduate Studies
School of Communication Studies
208 Lasher Hall
Ohio University
Athens, OH 45701-2979
phone: 740.593.4840
fax: 740.593.4810
email: james@ohio.edu
Ken:

I have reviewed your proposal, and I am pleased to support this new Sales Certificate program with Financial Services focus. I believe that this will help our finance students in the market.

Nanda

At 07:48 AM 6/1/2005, you wrote:

Nanda,

Ready to submit Financial Services Sales Certificate to UCC. A short memo from you indicating Finance Department's support of the program would be helpful.

Thanks,

Ken
Date: January 18, 2006
To: University Curriculum Council
From: Glenn E. Corlett, Dean, College of Business
Subject: Proposed Sales Certificate in Financial Services

The Sales Centre at Ohio University, sponsored by the College of Business, awards a Sales Certificate, recognized on the official Ohio University transcript, to undergraduate students upon successful completion of a 28-credit hour, cross disciplinary classroom experience. A 300-hour internship is included. Entrance into the program is competitive.

The fact that all Ohio University students in any major within the university can apply for admission is one of its greatest strengths. Currently, we have Sales Certificate Candidates majoring in marketing, communications, retail merchandising, journalism, accounting, finance, anthropology, biology, advertising, actuarial science and many others enrolled in our sales programs.

The Sales Centre embraces a strategy of meeting the market needs of the business community by offering specialty sales programs. Currently, we offer three Sales Certificates:

- a Professional Sales Certificate
- a Sales Certificate with a Retail Focus, in partnership with the Retail Merchandising Program of the School of Human and Consumer Sciences and
- a Sales Certificate with a Media Focus, in partnership with the School of Journalism.

Each sales program has a curriculum tailored to its specific needs by the collaboration of the academic and business communities.

A fourth program - a Sales Certificate with a Financial Services Focus, in partnership with the Insurance Institute, the Finance Department and the School of Accountancy within the College of Business – is now being proposed. The College of Business fully supports this proposal and believes that it will be a valuable addition to the programs available to all students at Ohio University.
RENAMING THE OFFICE OF REGIONAL HIGHER EDUCATION

RESOLUTION 2006 - 2028

WHEREAS, one of the major recommendations of Vision Ohio was to establish a new office to provide leadership and support for an expanded role in outreach and partnerships, and

WHEREAS, this new office will be called the Office for University Outreach, reporting to the current Vice President for Regional Higher Education, and

WHEREAS, the significant role of this new office merits recognition at the level of the President's Cabinet,

NOW, THEREFORE, BE IT RESOLVED that the name of the Office for Regional Higher Education be changed to the Office for University Outreach and Regional Campuses.
DATE: February 14, 2006

TO: Roderick McDavis, President

FROM: Charles P. Bird, Vice President

SUBJECT: University Outreach

Our new office for University Outreach will assist individuals and organizations, both within the University and outside the University, in developing partnerships that support multidisciplinary research and other outreach activities. Its mission will reach across all six Ohio University campuses. In addition, we recognize that regional campuses have continued to develop and become an increasingly integral part of our commitment to serve Southeastern Ohio. Accordingly, I recommend that we change the name of the Office for Regional Higher Education to the Office for University Outreach and Regional Campuses, effective as soon as this name change is approved by the Board of Trustees.

A change of name will better reflect the role of this cabinet-level office, as we expand our commitment to outreach and partnerships, especially in relation to economic development, health issues, and public education. As you know, creation of an Office for University Outreach and Regional Campuses is in direct response to recommendation of Vision Ohio, and it is an exciting step in the realization of that vision.
AUDIT, FINANCE, FACILITIES AND INVESTMENT COMMITTEE

Trustees Present: Chairperson C. Daniel DeLawder, President Roderick McDavis, C. Robert Kidder, Larry A. Corrigan, and Asylne Rodriguez.

INFORMATIONAL ITEM

Campus Master Planning Presentation – Larry Helman, Partner, NBBJ

Agenda:
I. The Premise
II. Strategic Planning
III. Master Planning
IV. Implementation Planning
V. Strategic Investment

- The Campus Master Plan Update schedule and process includes
  - the physical campus/facilities,
  - space utilization,
  - student housing, and
  - campus infrastructure
- The goal is to be efficient, integrated, strategic, and beautiful
- Vision Ohio is the beginning point –
  - the Strategic Plan will have key drivers (optimization)
  - the Master Plan focuses on the key issues (realization)
  - the Implementation portion will produce the outcomes (transformation)
- West Green Issues
  - expand vs. overbuild the green
  - connect the existing and the new
  - ensure beauty and design quality
- Specific developments have not yet been determined--Vision Ohio will dictate those
- This plan is an image--part of the roadmap--of what might occur through the year 2016
- The master plan will be tied to the Capital Campaign

ACTION ITEMS

Approval to Hire Consultants and Develop Construction Documents

Baker Center Facility
- Plan to improve and add space to meet the future needs of Vision Ohio and the College of Communication
- The College of Communication has identified $130,000 in local funds to perform a structural and mechanical evaluation
• The Board of Trustees has authorized issuing bonds in the amount of $2,400,000 to be used in the planning of the project and subsequent phase for the detailed design of the project. The next phase will include RFP’s to determine demolition and renovation needs.

Clippinger Hall
• Plan to examine the teaching and laboratory facilities in the Chemistry and Physics areas and develop a plan to systematically upgrade and expand those facilities.
• Air circulation problems have been identified in many of the laboratory spaces requiring mechanical upgrades which are estimated to cost several million dollars.
• A master plan study will examine the programs, current spaces, and configurations in the departments to evaluate the type and sequence of renovations.
• The first stage of the project will be funded with $112,709 in State capital appropriations.

Approval of Construction Documents and Authority to Award Contracts

Alden Library Masonry Improvements
• Project will address the aging exterior masonry walls and parapets.
• The scheduled completion date is during the summer of 2006.
• Project is budgeted at $280,000 and funded from Amended Substitute House Bill 16.

Lausche Heating Plant Rehabilitation
• Bag House Phase will add two modules to support the coal-fired system and allow operation at full capacity to prevent dependency on gas and save on costs.
• Work will begin in April 2006 and be completed by September 2006.
• Project is budgeted at $1,200,000 and funded in Amended Substitute House Bill 16.

Lin Hall Second Floor Renovation
• The second floor project will relocate the education program and house a small library.
• Work is scheduled to begin in April 2006 and be completed in November 2006.
• Funding for the project is provided by a $425,000 gift to the Ohio University Foundation.

New Residence Hall Site and Foundation Package
• Residence Hall will contain 350 beds, be located near Nelson Commons and occur in two phases.
• Site/Foundation package will begin mid-March 2006 and the building completion package will begin in June 2006 with occupancy occurring Fall 2007.
• Total budget project is $24M funded by the Residence and Dining Auxiliary with cash reserves of $2M and bond proceeds of $22M.
• Site and foundation package estimated cost is $1.4M.
Peden Stadium Fifth Floor Renovation *(presented to the full Board as a qualified recommendation due to concerns with financial uncertainty and tough budget times)*

- The committee needs a clearer understanding of cash flows (5 years or through 2016) before approving, overall figures vs. specific, and potential issues and funding information
- Renovation will provide office space for all football coaches, three meeting rooms, and a recruiting lounge
- Construction is planned for Spring 2006 with completion scheduled for June 2006
- Project budget is $470,000 funded by a 2006 BCS game—a delay will occur if the game does not take place
- The committee needs a clearer understanding of cash flows (5 years or through 2016) before approving, as well as overall figures (not specific).

Chillicothe Roadway and Parking Improvements *(not mentioned in committee)*

- Improvements will develop the roadway and parking lot located adjacent to the Shoemaker Center, storm sewer drainage, landscaping and lighting
- Project will begin June 2006 and be complete by October 2006
- Total project budget is $480,000 funded by Amended Substitute House Bill 16

**INFORMATIONAL ITEM**

**Budget Update**

**FY06 Current Issues**

- Tuition revenue projected to be slightly lower
- 1% mid-year salary increase awarded; across-the-board for classified and administrative employees and based on merit for faculty increases
- Utility cost increases projected at $800K for FY06 due to gas and coal prices

**FY07 Assumptions**

- 100 additional undergraduates
- Freshmen target lowered to 4100 from 4165
- Modest graduate growth = 15
- 3% decrease in SSI - $30M FY06 SSI supplement not included in planning assumptions
- 3% salary increase
- 13% increase in health benefits (average between prescription and medical)
- Plant Operations and Maintenance and utility increases due to University Center Opening
FY07 Projection Results
- $9.3M deficit projected initially
- Larger deficit in future years – possibly $14M in FY10

Current Cycle of Annual Budget Cuts
- This slide shows the new base budget (after cost adjustments) alongside the revenue which reflects the “gap” between the two creating the budget shortfall from 01-02 through 09-10
- This slide assumes level funding from the state and does not include the $30M state distribution
- The 6% tuition increase results in $10.8M; however, after applying scholarships the new money equals $9M

FY07 Proposed Action
- Double the realignment to $18.6M to move away from annual budget cuts and provide $9M to invest in Vision OHIO
- Staff reductions through targeted position elimination, vacancies, position reviews and voluntary one-year OPERS ERIP – the success will determine the number and nature of lay-offs
- Evaluate effectiveness of plan by ability to reinvest in institutional priorities and Vision OHIO
- No unit was held harmless—this is a university-wide realignment

Effect of Proposed Realignment
- This slide contrasts with the previous slide showing how the lines reverse with the proposed $18.6M realignment and the gap shifts to eliminate budget cuts in subsequent years. Beginning in 06-07 the lines reverse and the gap shifts to create a surplus that will be reinvested in ways to generate more revenues and change the slope of the revenue line up away from the cost line. The deficit changes to a surplus in 06-07.
- This proposal is NOT guaranteed
- New Student fees will be used for scholarships, health benefits, and salary increases

FY07 Realignment
- Plan is designed to provide funding to areas crucial to strategic priorities and areas for potential revenue generation
- A “global approach” allowed discussions among planning unit heads to define the best solutions for reorganizing
- The effect of a triple-year realignment was determined to be intolerable for units surveyed due to the impact on operations creating services that could not be offered
- The RCB model is tied to this process allowing units to integrate and become more efficient through reorganization to create greater savings.
  - Business Services – Expert financial services vs. several staff scattered throughout the campus
  - Partnerships – the new Outreach Office under Dr. Bird
  - Diversity – college offices combined services
ACTION ITEM

Approval of Instructional Fee, General Fee, and Non-Resident Surcharge

Athens Campus
• 5+1% undergraduate tuition and fees
• 3% graduate tuition and fees
• 0% non-resident surcharge (in order to be competitive to out-of-state students)
• $60 student facilities fee will begin Winter 2006 (part-time students will prorated)

College of Medicine
• 5.8% tuition and fees
• 6% non-resident surcharge

Regional Campuses
• 6% undergraduate tuition and fees
• 3% graduate tuition and fees
• 0% non-resident surcharge – with Southern campus undergrad non-resident surcharge increased by $10 per credit hour

Approval of Residence and Dining Hall Fee Rates
• 4% change in quarterly room rates
• 0% change in quarterly board rates
• 2% change in monthly university apartment rental rates

INFORMATIONAL ITEMS

Debt Policy and Senate Bill 6 Ratio Review
• Need to revisit this policy once per year
• Add as an agenda item for the April meeting
• Slides show current principal outstanding and status after March bond issuance

Treasurer’s Report
• NEPC (formerly New England Pension Consultants) was hired at the July 2005 Foundation board meeting. Their asset allocation study and recommendations are included in the materials as Appendix 1.
• The current approved spending rate is 5%
• Based on 2006 assumptions the University expected return is 8.2%
• The recommendation for the proposed asset mixes for the University is “Mix C” at 8.7% similar to Yale and Harvard Universities
• A suggestion to schedule a “special meeting” with this committee, NEPC, Pat Campbell, and Larry Schey was requested
• The standard information that is presented at every Board meeting was included in the Treasurer's Report given by Larry Corrigan.
**Ethicspoint Presentation**

- Third party anonymous service is available 24/7 – 365 days a year
- Site can be accessed through the Ohio University Internal Audit website which contains the President’s letter and a non-retaliation policy
- There is no need for an academic or Student Affairs portion (these are already in place)
- Links are provided to six violation categories with additional information
- Three inquiries have been posted to date
- The cost per year is $8,100 (first year is $9,600 which includes a $1,500 implementation fee)

**ACTION ITEM**

**Naming of the New Pond on the Ridges in the Memory of Peter E. Nagy**

- An ad hoc committee, originally organized by The 317 Board and composed of entities including Ohio University, has restored dignity to three psychiatric hospital cemeteries located on the Ridges
- The naming of the memorial pond will bring honor and recognition to all those who have suffered from mental illness

A copy of the presentation made to the Committee is included as Appendix 2.
Asset Allocation Study

February 10, 2006

Molly M. Auth
Consultant

Craig Svendsen
Senior Consultant

Ellen W. Griggs
Managing Partner

Kristin M. Reynolds
Senior Analyst

"Advancing Your Investments"
NEW ENGLAND PENSION CONSULTANTS

One Main Street, Cambridge, Massachusetts 02142-1524
(617) 374-1300; F: (617) 374-1313
www.nepc.com
Contents

- Key 2006 NEPC Capital Market Observations
- Asset Allocation Modeling
- Asset Mix Options and Recommendations
- Appendix
  - Asset Class Constraints
  - Asset Allocation Methodology
  - Timeline of Goals
Key 2006 NEPC Capital Market Observations

- Cyclical bull market is aging
  - Earnings growth is slowing after three years of double digit gains
  - Fed has removed accommodative monetary policy
  - Fiscal stimulus is waning
  - Energy prices remain high and residential real estate is cooling

- Yield curve is flat, global yields are low
  - Risk premiums for riskier bonds are low relative to higher quality bonds
  - Asian central banks have positively impacted demand
  - Could have additional demand impact at long end due to pension reforms?

- Equity market valuations are reasonable, but growth expectations optimistic
  - P/E on S&P 500 forward earnings is 14.7x (vs. 15-17x long-term range)
  - Risk premium over bonds remains near long term averages
  - Chance of a negative surprise increasing as earnings expectations rise to >11%

- International equity markets have had an extended run of out-performance
  - Opportunities are much less pronounced than in the past few years

- Continued expectation of subdued long term returns across virtually all asset classes
Introduction

This asset allocation study presents asset allocation mixes based on the spending study and approved spending policy.

Goals of the study:
- Assess current asset allocation
- Propose mixes that are forecasted to achieve the Foundation's and University's target return
- Recommend asset allocation targets for Foundation and University
Asset Allocation Process

- Determine the target rate of return based on spending policy
- Determine risk tolerance
- Determine permissible asset classes and constraints
- Develop optimal mixes of permissible asset classes expected to meet or exceed the target return
- Discuss and recommend an optimal target mix
Spending Policy

- Current Approved Spending Rate (5%)*
  - 4% of market value
  - Plus 1% Administrative Fee

- Minimum Target Return
  4.0% Spend Rate
  1.0% Administrative Fee
  3.7% Higher Education Price Index (Inflation assumption)
  0.0% No Targeted Real Growth
  8.7% Nominal Return

* Effective 2008
Efficient Frontiers using NEPC's 2006 Risk and Return Forecasts

- University Frontier
- Foundation Frontier
- Foundation Target
- University Target

Risk (Volatility)

Return
The Current Target achieves the long-term return target (+8.7%). However, the same expected return can be achieved by further diversifying the portfolio (See Mix B). Moreover, we can increase the expected return without increasing volatility by moving to Mix D.
# Proposed Asset Mixes - Foundation

<table>
<thead>
<tr>
<th>Foundation Target</th>
<th>Mix A</th>
<th>Mix B</th>
<th>Mix C</th>
<th>Mix D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Cap Equities</td>
<td>40%</td>
<td>22%</td>
<td>28%</td>
<td>30%</td>
</tr>
<tr>
<td>Small Cap Equities</td>
<td>15%</td>
<td>11%</td>
<td>14%</td>
<td>14%</td>
</tr>
<tr>
<td>Int'l Equities</td>
<td>5%</td>
<td>12%</td>
<td>16%</td>
<td>17%</td>
</tr>
<tr>
<td>Emerging Markets Equity</td>
<td>3%</td>
<td>3%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td>Total Equity</td>
<td>60%</td>
<td>48%</td>
<td>51%</td>
<td>62%</td>
</tr>
<tr>
<td>Low Duration Bonds</td>
<td>10%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Core Bonds</td>
<td></td>
<td>13%</td>
<td>11%</td>
<td>5%</td>
</tr>
<tr>
<td>High Yield</td>
<td></td>
<td>3%</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td>Global Bonds</td>
<td></td>
<td>3%</td>
<td>4%</td>
<td>3%</td>
</tr>
<tr>
<td>Emerg Market FI</td>
<td></td>
<td>3%</td>
<td>2%</td>
<td>0%</td>
</tr>
<tr>
<td>Total Fixed Income</td>
<td>10%</td>
<td>22%</td>
<td>19%</td>
<td>8%</td>
</tr>
<tr>
<td>Absolute Return/ Hedge Fund</td>
<td>20%</td>
<td></td>
<td>14%</td>
<td>13%</td>
</tr>
<tr>
<td>Real Estate (1)</td>
<td>0%</td>
<td>10%</td>
<td>8%</td>
<td>8%</td>
</tr>
<tr>
<td>Private Equity</td>
<td>10%</td>
<td>6%</td>
<td>9%</td>
<td>7%</td>
</tr>
<tr>
<td>Total Alternatives</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
<td>30%</td>
</tr>
</tbody>
</table>

Exp Return: 8.7%
Standard Deviation: 13.4%

Summary Analysis
- Core FI + Large Cap: 40%
- (HY+Global+EMD)/Total Bonds: 0%
- Small-cap U.S./Total U.S: 27%
- International/Total Equity: 8%

(1) Excludes Foundation investments in OU Inn and University Courtyard
The Current Target does not meet the long-term return target (8.7%). Further diversifying the portfolio to Mix C improves the expected return and reduces expected volatility.
## Proposed Asset Mixes - University

<table>
<thead>
<tr>
<th><strong>Large Cap Equities</strong></th>
<th>University Target</th>
<th>Mix A</th>
<th>Mix B</th>
<th>Mix C</th>
<th>Mix D</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40%</td>
<td>19%</td>
<td>22%</td>
<td>25%</td>
<td>26%</td>
</tr>
<tr>
<td><strong>Small Cap Equities</strong></td>
<td>15%</td>
<td>10%</td>
<td>11%</td>
<td>12%</td>
<td>14%</td>
</tr>
<tr>
<td><strong>Int'l Equities</strong></td>
<td>5%</td>
<td>11%</td>
<td>13%</td>
<td>15%</td>
<td>16%</td>
</tr>
<tr>
<td><strong>Emerging Markets Equities</strong></td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
<td>4%</td>
<td></td>
</tr>
<tr>
<td><strong>Total Equity</strong></td>
<td>60%</td>
<td>43%</td>
<td>49%</td>
<td>55%</td>
<td>62%</td>
</tr>
<tr>
<td><strong>Low Duration Bonds</strong></td>
<td>10%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Core Bonds</strong></td>
<td>20%</td>
<td>24%</td>
<td>18%</td>
<td>14%</td>
<td>10%</td>
</tr>
<tr>
<td><strong>High Yield Bonds</strong></td>
<td>0%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
<td>4%</td>
</tr>
<tr>
<td><strong>Global Bonds</strong></td>
<td>5%</td>
<td>5%</td>
<td>4%</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td><strong>Emergent Market FI</strong></td>
<td>4%</td>
<td>4%</td>
<td>3%</td>
<td>3%</td>
<td></td>
</tr>
<tr>
<td><strong>Total Fixed Income</strong></td>
<td>30%</td>
<td>37%</td>
<td>31%</td>
<td>25%</td>
<td>20%</td>
</tr>
<tr>
<td><strong>Absolute Return/Hedge Fund (1)</strong></td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td></td>
</tr>
<tr>
<td><strong>Real Estate</strong></td>
<td>0%</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Private Equity</strong></td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
<td>9%</td>
</tr>
<tr>
<td><strong>Total Alternatives</strong></td>
<td>10%</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
<td>16%</td>
</tr>
</tbody>
</table>

**Expected Return**
- Mix A: 8.2%
- Mix B: 8.5%
- Mix C: 8.7%
- Mix D: 8.9%

**Standard Deviation**
- Mix A: 10.2%
- Mix B: 11.0%
- Mix C: 11.8%
- Mix D: 12.6%

### Summary Analysis

<table>
<thead>
<tr>
<th><strong>Core FI + Large Cap (HY+Global+EMD)/Total Bonds</strong></th>
<th>University Target</th>
<th>Mix A</th>
<th>Mix B</th>
<th>Mix C</th>
<th>Mix D</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Small-cap U.S. / Total U.S.</strong></td>
<td>27%</td>
<td>43%</td>
<td>40%</td>
<td>39%</td>
<td>38%</td>
</tr>
<tr>
<td><strong>International / Total Equity</strong></td>
<td>8%</td>
<td>35%</td>
<td>42%</td>
<td>44%</td>
<td>50%</td>
</tr>
<tr>
<td><strong>Small cap AES / U.S. Total</strong></td>
<td>34%</td>
<td>34%</td>
<td>33%</td>
<td>32%</td>
<td>33%</td>
</tr>
<tr>
<td><strong>Portfolio Mix D</strong></td>
<td>33%</td>
<td>33%</td>
<td>33%</td>
<td>32%</td>
<td></td>
</tr>
</tbody>
</table>

(1) Reflects current University restriction related to Absolute Return funds
Asset Allocation Analysis: Discussion Items

- Based on 2006 Assumptions, the expected risk/return profile
  - For the Foundation is 8.7% expected return with 13.4% standard deviation (risk)
  - For the University is 8.2% expected return with 12.6% standard deviation (risk)

- Foundation: Consider Mix B (page 10)
  - Achieves return goal (8.7%) while reducing volatility with diversification
  - Reduces allocation to equities, but achieves long-term target with additional diversification

- University: Consider Mix C (page 12)
  - Increases return to meet return goal (8.7%) and reduces expected volatility
  - Slightly decreased allocation to equity and fixed income in favor of real estate

- Consider eliminating absolute return allocation restriction on University
  - The Foundation’s proposed mix has a similar return profile as the University’s proposed mix, but meets the return goal with a lower volatility. Thus, preserving capital over time.
## Proposed Asset Mixes – Foundation + University*

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Foundation (Mix B)</th>
<th>University (Mix C)</th>
<th>Found + University Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Cap Equities</td>
<td>24%</td>
<td>25%</td>
<td>24%</td>
</tr>
<tr>
<td>Small Cap Equities</td>
<td>11%</td>
<td>12%</td>
<td>11%</td>
</tr>
<tr>
<td>Intl Equities</td>
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<td>14%</td>
</tr>
<tr>
<td>Emerging Markets Equity</td>
<td>3%</td>
<td>3%</td>
<td>3%</td>
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<tr>
<td>Total Equity</td>
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<td>12%</td>
</tr>
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<td>High Yield</td>
<td>2%</td>
<td>4%</td>
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<td>4%</td>
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<tr>
<td>Emerg Market Fl</td>
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<td>Exp Return</td>
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<td>Standard Deviation</td>
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### Summary Analysis

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<tr>
<th>Category</th>
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<th>University</th>
<th>Found + University</th>
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<tr>
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<td>(HY+Global+EMD)/Total Bonds</td>
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<td>44%</td>
<td>43%</td>
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<td>32%</td>
<td>32%</td>
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<td>International/Total Equity</td>
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<td>32%</td>
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* Market Value breakdown: 70% Foundation, 30% University

(1) Reflects current University restriction related to Absolute Return funds

(2) Excludes Foundation investments in OU Inn and University Courtyard
Recommended Implementation

- Relax manager constraints
  - Allow core bond manager to oversee the duration decisions
  - Be mindful during the International Equity manager search of candidates who can also include international small-cap and emerging markets in their mandates

- Utilize multi-asset class products
  - Consider hiring a global fixed income manager that can tactically allocate to high yield and emerging markets

- Globally diversified asset allocation strategies
  - Can alternative implementation considerations add value?

- Opportunities exist at the strategy and manager specific level
  - Consider real estate as a long term asset class
    - Non-core real estate presents opportunities
<table>
<thead>
<tr>
<th>Category</th>
<th>Current Target</th>
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<th>Permissible Range (%)</th>
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### Asset Allocation Policy Changes - University

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## Asset Class Weighting Constraints - Foundation

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<th>Target Mix</th>
<th>Min/Max Constraints</th>
<th>Relative Constraints</th>
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<td>Large Cap Equities</td>
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<td>Small-cap will not be greater than 33% of total domestic equity</td>
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<td>0 - 100</td>
<td>Non-US equity will not be greater than 33% of total equity. Emerging Markets Equity will not exceed 25% of Developed Markets Equity</td>
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<tr>
<td>Int'l Equities</td>
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<tr>
<td>Private Equity</td>
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<td>Private Equity shall not exceed 33% of the hedge fund commitment</td>
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<td>Total Alternatives</td>
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* Except in the case of rounding.
## Asset Class Weighting Constraints - University

<table>
<thead>
<tr>
<th>Asset Class</th>
<th>Target Mix</th>
<th>Min/Max Constraints</th>
<th>Relative Constraints</th>
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<tr>
<td>Large Cap Equities</td>
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<td>Small-cap will not be greater than 33% of total domestic equity</td>
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<td>Small Cap Equities</td>
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<tr>
<td>Intl Equities</td>
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<td>Emerging Intl Equities</td>
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<td>Low Duration</td>
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<tr>
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<tr>
<td>High Yield Bonds</td>
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<td>EMD shall not exceed High Yield*</td>
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<td>Emerging Market Debt</td>
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<td>Total Fixed Income</td>
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<td>0 - 100</td>
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<td>Private Equity</td>
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</tr>
<tr>
<td>Total Alternatives</td>
<td>10</td>
<td>0 - 20</td>
<td></td>
</tr>
</tbody>
</table>

* Except in the case of rounding.
NEPC Asset Class Research

- A tool to help investors make choices
  - Very good at identifying relative opportunities
  - Less exact at pinpointing actual returns

- Based on sound theory
  - Must make adjustments to make it practical

- Identifies optimal combinations of asset classes
  - Expected to offer the highest return at the lowest level of risk
NEPC Asset Class Research

• Long term in nature
  - Forward looking 5-7 years

• Assumes normal risk-return relationship
  - In order to get higher return, you must assume more risk

• Use "building-block" approach
  - Inflation to cash to bonds to stocks
NEPC Asset Class Research

- Historical data (~80%)
  - Use longest available history
    - 1926 for large cap, 1970 for international equity
  - Adjust time period where appropriate
    - 1970 – present more pertinent for bonds

- Current market environment (~20%)
  - Adjust for current valuations and market environment

- Risk and correlation data
  - Based largely on historical data
Asset Allocation Model Inputs

- Permissible Asset Classes and Weighting Constraints

- Return and Risk Assumptions
  - Based on a blend of historic data and NEPC assessment of current and future market conditions

- Correlation Assumptions
  - Measure of similarity/dissimilarity between asset classes
  - Based on historic data
  - Measure ranges from -1.0 to +1.0 (-1.0 = low similarity, +1.0 high similarity)
  - Prefer dissimilar asset classes
Asset Allocation Modeling Process

- **Expected Return**
- **Expected Risk**
- **Correlations**

Asset Class Constraints

NEPC's Portfolio Optimization Model

Drives the results from the model

Common Sense Overlay

Identify best combinations of return and risk

Optimal Portfolios

Efficient Frontier

RETURN

RISK
Asset Class Trade Offs:

- **Liquidity**
  - Not an issue with traditional asset classes like stocks and bonds
    - Daily or monthly liquidity
  - Becomes more constrained with investments in hedge funds and some real estate investments (open-ended funds)
    - Quarterly or semi-annual liquidity
    - Advance notice required
  - Long-term commitments required with some alternative investments like private equity and closed-end real estate funds
    - Commitments of 7-10 years required

- **Fees**
  - Typically higher for non-traditional asset classes
    - If Fund-of Funds strategy employed, fees can be doubled

- **“Head-line” Risk**
  - Potential reaction of local media and constituencies may need to be considered
Risk / Return Tradeoff

- Attempt to determine the most "efficient" allocation of assets
  - Maximize Return for every risk level
  - Minimize Risk for every return level

[Graph showing the relationship between risk and return for different asset classes: Small US Stocks, International Stocks, Large US Stocks, Global Bonds, Domestic Bonds, Money Markets.]
### Asset Allocation Inputs - Correlations

#### NEPC’s 2006 Correlation Forecasts

<table>
<thead>
<tr>
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<th>Cash</th>
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<th>Global</th>
<th>EMD</th>
<th>HY</th>
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<th>Mid</th>
<th>Small</th>
<th>Intl</th>
<th>Intl Sm</th>
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- **High Negative Correlation** (-1.00 to -0.50)
- **Low Negative Correlation** (-0.51 to 0.00)
- **Low Positive Correlation** (+0.01 to + 0.50)
- **High Positive Correlation** (+0.51 to +1.00)
## Proposed Work Plan

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<td>Implement Asset Allocation</td>
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Appendix 2

Audit, Finance, Facilities and Investment Committee
C. Daniel DeLaware, Chair
March 1, 2006

Campus Master Planning Presentation
Larry Heiman
Partner, NBBJ

Action Items

Approval to Hire Consultants and Develop Construction Documents

College of Communication Building
- The Baker Center facility on Union Street will be evaluated to determine its optimal use in terms of Vision Ohio, the campus master plan and the client's needs.
- Client: College of Communication
- Budget: $24.4 million for design work
- Source of Funds: State capital funds may be available in late 2006 or early 2007, and some local funds have been identified.

Clipping Hall
- A master plan study will be undertaken to evaluate air circulation problems and the type and configuration of space in Clipping Hall.
- Client: College of Arts and Sciences, Environmental Health and Safety
- Budget: $112,705
- Source of Funds: State capital funds are available.
Tab 2 or 7
Approval of Construction Documents and Authority to Award Contracts

Alden Library Masonry Improvements
- Rehabilitation of aging exterior masonry walls and parapets
- Client: Dean, University Libraries
- Budget: $280,000
- Source of Funds: State capital - basic renovations

Lausche Heating Plant Rehabilitation
- Addition of two bag house modules will increase particulate collection to the extent necessary to operate the coal-fired system at full capacity
- Client: Facilities Management
- Budget: $1,200,000
- Source of Funds: State capital appropriation

Lin Hall Second Floor Renovation
- Renovation of second floor for education program and library
- Client: Director, Kennedy Museum of Art
- Budget: $425,000
- Source of Funds: Private gifts

New Residence Hall Site and Foundation Package
- 350 bed residence hall located near Nelson Commons
- Client: Residence Auxiliary Services
- Budget: $1,400,000
- Source of Funds:
  - Cash reserves of $2 million
  - Bond proceeds of $22 million

Pedest Stadium Fifth Floor Renovation
- Relocation of offices for football coaches and the addition of meeting rooms and a recruiting lounge on the fifth floor will result in better communication and a more efficient working environment
- Client: Director, Intercollegiate Athletics
- Budget: $470,000
- Source of Funds: Football revenue
Chillicothe Roadway and Parking Improvements

- Development of roadway and reconfiguration of parking lot adjacent to Shoemaker Center
- Client: Chillicothe campus
- Budget: $480,000
- Source of funds: State capital

Budget Update

FY07 Budget Planning Assumptions

- Planned enrollment growth over Fall 2005
  - 100 additional undergraduates (18,799 > 18,899)
  - Lower the tuition range from 4,100 to 4,100
- 1% increase in enrollment
- Increase retention
- Modest graduate growth (2,537 > 2,550)
- 5-1% undergraduate tuition and fees increase
- 4% non-teaching-based student aid
- 3% graduate tuition and fees increase

FY06 - Current Issues

- Tuition revenue projected to be slightly lower than budget due to lower non-resident enrollments
- Graduate tuition shortfall expected to be offset partially by savings in tuition scholarships
- 1% mid-year salary increase awarded
  - ATB for classified and administrative employees
  - Faculty increases distributed based on merit
- $000 FY06 cash impact $1.6M FY07 base impact
- $000 FY06 cash impact $1.6M FY07 base impact
- $000 FY06 cash impact $1.6M FY07 base impact

FY07 Budget Planning Assumptions

- 3% decrease in State Share of Instruction (SSI)
- $30M FY07 SSI supplement - distribution contingent on Controlling Board approval following HEYSC report in May 2006
- OU = $1.9M based on current share of SSI
- 3% salary increase
- 13% increase in health benefits will be partially offset by reserves again in FY07
- POM and utility increases reflect opening of Baker University Center and higher utility rates
FY07 Budget Planning

Projection Results

- Initial projection for FY07 - $9.3M deficit
  - Follows years of increasing budget cuts
  - Even larger deficits projected in subsequent years up to
    nearly $14M in FY10
  - Future projections based on:
    - 5+1% undergraduate tuition increases
    - Scholarship increases to keep pace with tuition
    - Flat state subsidy (which is likely aggressive)
    - 3% annual salary increases
    - Rising health care costs

Current Cycle of
Annual Budget Cuts

FY07 Budget Planning

Proposed Plan of Action

- Double the FY07 budget realignment to $18.8M
  - Move away from current cycle of annual budget cuts
  - Provide over $9M to invest in the academic priorities of Vision OHIO
  - University-wide
  - Differential impacts across academic and non-academic units

Effect of Proposed Realignment

FY07 Budget Realignment

- Budget realignment plan designed to provide funding for
  reinvestment and reallocations to areas crucial to strategic
  priorities and areas for potential revenue generation
- Discussions among planning unit heads helped to define
  best solutions for reorganizing core functions for
  accountability, efficiency, stronger programs and services,
  and staff reductions
- Resulting organizational structures will lead to better
  coordination, consolidation, and integration of staff and
  more efficiency in leveraging financial resources

FY07 Budget Realignment

- Assessments of programs and services will be tied to
  agreed-upon performance, outcome, and efficiency
  measures in comparison to benchmark institutions
- Selected examples of functional reorganizations and
  integration and reductions of staffing:
  - Business Services
  - Partnerships
  - Diversity
FY07 Budget Planning

Proposed Plan of Action

- Staff reductions will occur through targeted position eliminations, vacancies, position reviews and proposed one-year voluntary OPERS ERIP.
- Success of integration, reorganization, and voluntary OPERS ERIP strategies will determine number and nature of lay-offs.
- Vacancies and ERIP participation will be coordinated to minimize layoffs related to budget realignment.
- Offer an incentive for retirement varying in the program to help achieve the budget realignment goals.
- Use eligible employees.
- Payback close to 5 year.

Tab 3 or 8

Approval of Instructional Fee, General Fee and Non-Resident Surcharge

- Athens Main Campus
  - 5+1% undergraduate tuition and fees
  - 3% graduate tuition and fees
  - 0% non-resident surcharge
- College of Medicine
  - 5+1% tuition and fees
  - 0% non-resident surcharge
- Athens Campus General Fee
  - Effective Winter 2006, full-time students on the Athens Campus will be assessed a Student Facilities Fee of $60 per quarter.
  - Part-time students will be assessed the same fee on a pro rata basis.

Tab 4 or 9

Approval of Residence and Dining Hall Fee Rates

- 4% residence hall fees
- 0% dining hall fees
- Blended increase of 2%
Capital Improvements Plan
FY2007-2012

Tab 6 or 15
Debt Policy and
Senate Bill 6 Ratio Review

Debt Policy

- Updated to reflect:
  - Support for key priorities of Ohio University as outlined in Vision Ohio
  - Changes in base data used to calculate the Senate Bill 6 ratios since policy inception in 2003
- Policy required to be reviewed once a year and confirmed as appropriate or amended as necessary

Current Principal Outstanding

Principal Outstanding Including Series 2006B and C

Viability Ratio

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<td>Plant Debt</td>
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<td>Viability Ratio</td>
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### Primary Reserve Ratio

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<td>Total Operating Expenses</td>
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<td>Primary Reserve Ratio</td>
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### Net Income Ratio

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<td>Change in Total Net Assets</td>
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<td>Total Revenues</td>
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### FY05 Composite Score

- Viability Score X 30% = .90
- Primary Reserve Score X 50% = 1.5
- Net Income Score X 20% = .80
- Composite Score = 3.20

### Current Events – Foundation Board
- NEPC (formerly New England Pension Consultants) was hired at the Foundation board meeting in July 2005
- Their asset allocation study and recommendations are included in the materials

### Asset Allocation Study

- The asset allocation study presents asset allocation mixes based on the spending study and approved spending policy
- Goals of the study:
  - Assess current asset allocation
  - Propose mixes that are forecasted to achieve the Foundation's and University's target return
  - Recommend asset allocation targets for the Foundation and University
Spending Policy
- Current Approved Spending Rate (5%)
  - Foundation Board has noted intention to reduce to 4%
  - Foundation assesses 1% admin fee
- Minimum Target Return
  - 5.0% Spend Rate
  - 3.7% Higher Education Price Index (Inflation assumption)
  - 0.0% No Targeted Real Growth
  - 8.7% Nominal Return

University Efficient Frontier
- Risk & Return

Proposed Asset Mixes - University

Asset Allocation Analysis:
Discussion Items

- Based on 2008 Assumptions, the expected risk/return profile
  - For the Foundation is 8.7% expected return with 13.4% standard deviation (198)
  - For the University is 8.2% expected return with 12.9% standard deviation (198)
- University: Consider Nu C (page 12)
  - Increases return to meet return goal (8.7%) and reduces expected volatility
- Slightly decreased allocation to equity and fixed income in favor of real estate
- Consider eliminating absolute return allocation restriction on University
- The Foundation’s proposed mix has a similar return profile as the University’s proposed mix but meets the return goal with a lower volatility thus preserving capital over time

Proposed Asset Mixes - Foundation + University

Next Steps

- The staff proposes scheduling an Audit, Finance, Facilities and Investment Committee meeting with the Chair of the Foundation board Investment Committee and NEPC personnel prior to the June board meeting
- Goal - Implement changes or confirm current asset allocation strategy by June 30
Trustee DeLawder presented and moved approval of two resolutions. Mrs. Perry seconded the motion. All voted aye.

Resolution 2006 – 2029 - Approval to Hire Consultants and Develop Construction Documents

Resolution 2006 – 2030 - Approval of Construction Documents and Authority to Award Contracts

It was noted in approving construction documents that plan #5, Peden Stadium Renovation, was subject to the availability of funding before proceeding with construction.
APPROVAL TO HIRE CONSULTANTS AND DEVELOP CONSTRUCTION DOCUMENTS

RESOLUTION 2006 - 2029

WHEREAS, Ohio University has approved the use of $2,400,000 in capital improvement dollars proposed for FY 2007-2008 and the Board of Trustees has authorized the issuance of bonds to allow the planning for the reconfiguration of Baker Center for use by the College of Communication, and the College of Communication has identified $130,000 of local dollars to initiate programming of the project, and

WHEREAS, Amended Substitute House Bill 16, contains a capital appropriation in the amount of $112,709 to develop a master plan for improvements to the laboratory environment in Clippinger Hall, and

WHEREAS, both of these projects are consistent with the goals of Ohio University’s Vision Ohio strategic plan for the future.

NOW THEREFORE, BE IT RESOLVED that the Ohio University Board of Trustees does hereby empower the President or his designee to interview and select a consultant for the programming and planning of the Baker Center Rehabilitation Project for the consolidation and expansion of the College of Communication and for the planning of a strategy to systematically upgrade and expand the laboratory facilities at Clippinger Hall.
Interoffice Communication

Date: February 14, 2006

To: The President and Board of Trustees

From: Larry A. Corrigan, Interim Vice President for Finance and Administration and Treasurer

Re: RESOLUTION FOR APPROVAL TO HIRE CONSULTANTS AND DEVELOP CONSTRUCTION DOCUMENTS

University Planning and Implementation would like to hire consultants and develop strategies to improve two facilities on campus. The first project is the examination of the Baker Center facility, constructed in 1953, for how it best fits into a plan for improving and adding space to meet the future needs of Vision Ohio and the College of Communication. The second project is the examination of the teaching and laboratory facilities in the Chemistry and Physics areas of Clippinger Hall, and the development of a plan to systematically upgrade and expand those facilities, especially the Chemistry laboratories.

With the completion of the new University Center (expected to open in January 2007), Baker Center is available to program in a way that will best fit the future needs of the institution. After carefully looking at the goals of Vision Ohio and reviewing the current needs and anticipated growth in the College of Communication, Baker Center has been identified by the campus master plan and the University's capital planning group for use by the College. The College of Communication has identified $130,000 in local funds to develop a program for the project, and to perform a structural and mechanical evaluation of Baker Center, in order to determine its feasibility for reuse by the College of Communication. The Board of Trustees has already authorized the institution to issue bonds in the amount of $2,400,000 for the planning of the project, and these funds will be used in the subsequent phase for the detailed design of the project.

Clippinger Hall currently houses the departments of Chemistry, Physics, Geography and Geology. Many of the building's laboratory spaces have been identified by the Department of Environmental Health and Safety as having notable air circulation problems. The required mechanical upgrade to address these problems is estimated to cost several million dollars. Prior to embarking on such a project, a master plan study will be undertaken to examine the programs in the departments of Chemistry and Physics to determine if the current spaces are of proper types and configurations to serve the needs of today's teaching and research methods. Examining these programs and defining the space needs therein will provide a basis for the University to evaluate the appropriate type and sequencing of building renovations. The project will be funded with $112,709 in State capital appropriations within the capital bill for the FY 2005-2006 biennium. Consultant proposals have been solicited, with a selection to be made in March 2006. It is anticipated that the Clippinger Hall master plan study will be completed by November 2006.

We are ready to proceed with consultant selection for both of these projects. Toward that end, I have enclosed a resolution for consideration by the Board of Trustees at their regular meeting of March 2, 2006, which seeks approval of the President or his designee to hire a consultant for each
project and proceed with the development of a master plan, phasing plans and budgets for the implementation of each.

If I can be of further assistance or provide additional information regarding this matter, please let me know. Thank you.

Cc: Dr. Alan H. Geiger, Secretary to the Board of Trustees
    Mr. John Kotowski, Associate Vice President University Planning & Implementation
APPROVAL OF CONSTRUCTION DOCUMENTS
AND AUTHORITY TO AWARD CONTRACTS

RESOLUTION 2006 - 2030

WHEREAS, six capital improvement projects have been developed and are ready for approval of their construction documents and authorization to advertise, receive bids and award contracts, and

WHEREAS, funding for each project is in place.

NOW THEREFORE, BE IT RESOLVED that the Ohio University Board of Trustees does hereby approve construction documents for,

1. Alden Library Masonry Improvements Project ($280,000)
2. Lausche Heating Plant Bag House Expansion Project ($1,200,000)
3. Lin Hall Second Floor Renovation Project ($425,000)
4. New Residence Hall Site and Foundation Package ($1,400,000)
5. Peden Stadium Fifth Floor Renovation Project ($470,000)
6. Roadway and Parking Improvement Project – Chillicothe ($480,000)

BE IT FURTHER RESOLVED that the Ohio University Board of Trustees does hereby authorize the receipt of bids and does empower the President or his designee to recommend the award of construction contracts provided total bids do not exceed funds identified for each of the projects identified above.
Interoffice Communication

Date: February 14, 2006

To: The President and Board of Trustees

From: Larry A. Corrigan, Interim Vice President for Finance and Administration and Treasurer

Re: RESOLUTION FOR APPROVAL OF CONSTRUCTION DOCUMENTS AND AUTHORITY TO ADVERTISE, RECEIVE BIDS AND AWARD CONTRACTS FOR SIX PROJECTS

Six capital improvement projects have been developed and are ready for approval of the construction documents and authority to advertise, receive bids and award contracts. Five of these projects are on the Athens campus, including Alden Library Masonry Improvements, the Lausche Heating Plant Bag House Expansion, the Lin Hall Second Floor Museum Rehabilitation, the New Residence Hall and the Peden Fifth Floor Renovation. The remaining project is on the Chillicothe campus and involves Parking and Roadway Improvements.

The Alden Library Masonry Improvements project will address the aging exterior masonry walls with tuck-pointing, resetting stone and rehabilitation of the parapets. There is one area on the building that will be rebuilt and plans call for a comprehensive cleaning of all masonry. The project is scheduled to be completed during the summer of 2006. The project is budgeted at $280,000 and is being funded with basic renovation dollars from Amended Substitute House Bill 16.

The Lausche Heating Plant Rehabilitation — Bag House Phase is the continuation of the ongoing rehabilitation of the University’s 38-year old heating plant, which provides steam for heating of University buildings and domestic water, and operation of steam-driven chillers for air conditioning. Previous phases have rehabilitated boilers number one and two, plus associated mechanical, electrical, and plumbing equipment. This phase will add two bag house modules to support the coal-fired system. The addition of the two bag house modules will provide the particulate collection capacity necessary to operate the coal-fired system at full capacity. The work associated with this project will begin in April 2006 and will be completed by September 2006. The bag house project budget is $1,200,000 and those resources are available in a line item appropriation in Amended Substitute House Bill 16.

The Lin Hall Second Floor Renovation project will renovate a portion of the second floor for the relocation of the education program currently being conducted in the basement of Lin Hall, plus the establishment of a small library. The spaces in the basement currently used for the education program will be used to expand the museum’s curating operation. The library area is new program space for the museum. The project is scheduled to start in April 2006 and be completed in November 2006. Funding for this project is to be provided by a $425,000 gift made to the Ohio University Foundation.

The New Residence Hall will be located in the vicinity of Nelson Commons and will contain 350 beds. The rooms will be doubles with a shared bath between two rooms. There will be a common
study lounge and a recreation area on opposite floors. We are bidding this project in two phases; the first phase will be a site/foundation package and the second will be the building completion. The site/foundation package will start mid-March 2006 while the building completion package will commence in June 2006. The building is expected to be completed in August 2007 with building occupancy for the Fall of 2007. The total project budget is $24 million and will be funded by the Residence and Dining Auxiliary. The site and foundation package for this project is estimated to cost $1,400,000. Bonding for this project was authorized by the Board of Trustees at their December 14, 2005 retreat in Columbus, Ohio.

The Peden Fifth Floor Renovation will provide office space for all of the football coaches on the fifth floor. Currently a number of the assistant coaches are located on the third floor. This will allow for better communication between the coaches and a more efficient working environment. Three new meeting rooms are also being planned, one each for the offensive and defensive coaches to utilize and one capable of accommodating the entire coaching staff. Finally, a large recruiting lounge will be created for the recruits and their families. Construction is planned for Spring of 2006 with anticipated completion expected for June 2006. The project budget is $470,000 and is being funded with income from a 2006 BCS game.

The Chillicothe campus will develop the roadway and parking lot adjacent to the Shoemaker Center. The project will improve the storm sewer drainage and asphalt parking surfaces. The roadway and the reconfigured parking facility will be landscaped and lit for both vehicular and pedestrian traffic. The project will start in June 2006 and be completed by October 2006. The total project budget is $480,000 and is utilizing a basic renovations appropriation for the campus in Amended Substitute House Bill 16.

All six of these projects are ready to proceed to bid. Toward that end I have enclosed a resolution for consideration by the Board of Trustees at their regular meeting of March 2, 2006, which seeks approval of construction documents and provides authorization to advertise, receive bids and award contracts for the Alden Library Masonry Improvements, the Lausche Heating Plant Bag House, the Lin Hall Museum Rehabilitation, the New Residence Hall Swing Building, the Peden Fifth Floor Renovation, and the Roadway and Parking Improvements on the Chillicothe campus.

If I can be of further assistance or provide additional information regarding this matter, please let me know.

Cc: Dr. Alan H. Geiger, Secretary to the Board of Trustees
    Dr. Charles P. Bird, Vice President, Office for University Outreach and Regional Campuses
    Mr. John Kotowski, Associate Vice President University Planning & Implementation
Trustee DeLawder presented and moved approval of the resolution. Mr. Walter seconded the motion. Approval was unanimous.

FISCAL YEAR 2006-2007
INSTRUCTIONAL FEE, GENERAL FEE, AND NON-RESIDENT SURCHARGE

RESOLUTION 2006 - 2031

WHEREAS, the Ohio University 2006-2007 Current Funds Budget contains program enhancements as well as fixed and mandated cost increases, and

WHEREAS, appropriate planning and consultations within the University have been accomplished, resulting in recommendations of fee increases, and

WHEREAS, the attached fee schedules are consistent with Am. Sub. H.B. 66.

NOW THEREFORE, BE IT RESOLVED that the Board of Trustees adopts the attached fee schedules, effective Fall Quarter 2006.

It is found and determined that all formal actions of the Ohio University Board of Trustees concerning and in relation to the adoption of this resolution were adopted in open meeting of the Ohio University Board of Trustees and that all deliberations of the Ohio University Board of Trustees and any of its committees that resulted in such formal action, were in meetings open to the public in compliance with the law, including Section 121.22 of the Ohio Revised Code.

This resolution shall take effect immediately upon its adoption.
## OHIO UNIVERSITY
### SUMMARY OF ANNUAL TUITION AND FEES
FULL-TIME STUDENTS

### INSTRUCTIONAL & GENERAL FEES

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<td>Graduate</td>
<td>8,931</td>
<td>9,198</td>
<td>267</td>
<td>3.0%</td>
</tr>
<tr>
<td>Medical</td>
<td>22,170</td>
<td>23,451</td>
<td>1,281</td>
<td>5.8%</td>
</tr>
</tbody>
</table>

### NON-RESIDENT SURCHARGE

<table>
<thead>
<tr>
<th></th>
<th>FY 2006 Fees</th>
<th>FY 2007 Fees</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-- Tier I</td>
<td>7,992</td>
<td>7,992</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>-- Tier II</td>
<td>8,964</td>
<td>8,964</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Graduate</td>
<td>7,992</td>
<td>7,992</td>
<td>0</td>
<td>0.0%</td>
</tr>
<tr>
<td>Medical</td>
<td>9,432</td>
<td>9,999</td>
<td>567</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

### REGIONAL HIGHER EDUCATION

#### Undergraduate (≤ 96 hours)

<table>
<thead>
<tr>
<th></th>
<th>FY 2006 Fees</th>
<th>FY 2007 Fees</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>-- Southern *</td>
<td>4,146</td>
<td>4,395</td>
<td>249</td>
<td>6.0%</td>
</tr>
<tr>
<td>-- Other</td>
<td>4,323</td>
<td>4,581</td>
<td>258</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

#### Undergraduate (> 96 hours)

<table>
<thead>
<tr>
<th></th>
<th>FY 2006 Fees</th>
<th>FY 2007 Fees</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>-- Southern *</td>
<td>4,482</td>
<td>4,752</td>
<td>270</td>
<td>6.0%</td>
</tr>
<tr>
<td>-- Other</td>
<td>4,749</td>
<td>5,034</td>
<td>285</td>
<td>6.0%</td>
</tr>
</tbody>
</table>

#### Graduate

<table>
<thead>
<tr>
<th></th>
<th>FY 2006 Fees</th>
<th>FY 2007 Fees</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8,586</td>
<td>8,844</td>
<td>258</td>
<td>3.0%</td>
</tr>
</tbody>
</table>

*Southern campus undergraduate non-resident surcharge increased by $10/credit hour*
### FY 2007 UNDERGRADUATE STUDENT TUITION AND FEE SCHEDULE

#### FALL QUARTER

**TIER I UNDERGRADUATE STUDENTS**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>215</td>
<td>50</td>
<td>265</td>
<td>264</td>
<td>529</td>
</tr>
<tr>
<td>2</td>
<td>430</td>
<td>100</td>
<td>530</td>
<td>528</td>
<td>1,058</td>
</tr>
<tr>
<td>3</td>
<td>645</td>
<td>150</td>
<td>795</td>
<td>792</td>
<td>1,587</td>
</tr>
<tr>
<td>4</td>
<td>860</td>
<td>200</td>
<td>1,060</td>
<td>1,056</td>
<td>2,116</td>
</tr>
<tr>
<td>5</td>
<td>1,075</td>
<td>250</td>
<td>1,325</td>
<td>1,320</td>
<td>2,645</td>
</tr>
<tr>
<td>6</td>
<td>1,290</td>
<td>300</td>
<td>1,590</td>
<td>1,584</td>
<td>3,174</td>
</tr>
<tr>
<td>7</td>
<td>1,505</td>
<td>350</td>
<td>1,855</td>
<td>1,848</td>
<td>3,703</td>
</tr>
<tr>
<td>8</td>
<td>1,720</td>
<td>400</td>
<td>2,120</td>
<td>2,112</td>
<td>4,232</td>
</tr>
<tr>
<td>9</td>
<td>1,935</td>
<td>450</td>
<td>2,385</td>
<td>2,376</td>
<td>4,761</td>
</tr>
<tr>
<td>10</td>
<td>2,150</td>
<td>500</td>
<td>2,650</td>
<td>2,640</td>
<td>5,290</td>
</tr>
<tr>
<td>11-20*</td>
<td>2,241</td>
<td>531</td>
<td>2,772</td>
<td>2,664</td>
<td>5,436</td>
</tr>
</tbody>
</table>

*Beyond 20 Hours: Resident Fee is $126/hr. and Non-Resident Fee is $265/hr.

**TIER II UNDERGRADUATE STUDENTS**

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>227</td>
<td>50</td>
<td>277</td>
<td>295</td>
<td>572</td>
</tr>
<tr>
<td>2</td>
<td>454</td>
<td>100</td>
<td>554</td>
<td>590</td>
<td>1,144</td>
</tr>
<tr>
<td>3</td>
<td>681</td>
<td>150</td>
<td>831</td>
<td>885</td>
<td>1,716</td>
</tr>
<tr>
<td>4</td>
<td>908</td>
<td>200</td>
<td>1,108</td>
<td>1,180</td>
<td>2,288</td>
</tr>
<tr>
<td>5</td>
<td>1,135</td>
<td>250</td>
<td>1,385</td>
<td>1,475</td>
<td>2,860</td>
</tr>
<tr>
<td>6</td>
<td>1,362</td>
<td>300</td>
<td>1,662</td>
<td>1,770</td>
<td>3,432</td>
</tr>
<tr>
<td>7</td>
<td>1,589</td>
<td>350</td>
<td>1,939</td>
<td>2,065</td>
<td>4,004</td>
</tr>
<tr>
<td>8</td>
<td>1,816</td>
<td>400</td>
<td>2,216</td>
<td>2,360</td>
<td>4,576</td>
</tr>
<tr>
<td>9</td>
<td>2,043</td>
<td>450</td>
<td>2,493</td>
<td>2,655</td>
<td>5,148</td>
</tr>
<tr>
<td>10</td>
<td>2,270</td>
<td>500</td>
<td>2,770</td>
<td>2,950</td>
<td>5,720</td>
</tr>
<tr>
<td>11-20*</td>
<td>2,376</td>
<td>531</td>
<td>2,909</td>
<td>2,988</td>
<td>5,897</td>
</tr>
</tbody>
</table>

*Beyond 20 Hours: Resident Fee is $135/hr. and Non-Resident Fee is $293/hr.*
## FY 2007 UNDERGRADUATE STUDENT TUITION AND FEE SCHEDULE
(EFFECTIVE WINTER QUARTER)

### TIER I UNDERGRADUATE STUDENTS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees **</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>215</td>
<td>56</td>
<td>271</td>
<td>264</td>
<td>535</td>
</tr>
<tr>
<td>2</td>
<td>430</td>
<td>112</td>
<td>542</td>
<td>528</td>
<td>1,070</td>
</tr>
<tr>
<td>3</td>
<td>645</td>
<td>168</td>
<td>813</td>
<td>792</td>
<td>1,605</td>
</tr>
<tr>
<td>4</td>
<td>860</td>
<td>224</td>
<td>1,084</td>
<td>1,056</td>
<td>2,140</td>
</tr>
<tr>
<td>5</td>
<td>1,075</td>
<td>280</td>
<td>1,355</td>
<td>1,320</td>
<td>2,675</td>
</tr>
<tr>
<td>6</td>
<td>1,290</td>
<td>336</td>
<td>1,626</td>
<td>1,584</td>
<td>3,210</td>
</tr>
<tr>
<td>7</td>
<td>1,505</td>
<td>392</td>
<td>1,897</td>
<td>1,848</td>
<td>3,745</td>
</tr>
<tr>
<td>8</td>
<td>1,720</td>
<td>448</td>
<td>2,168</td>
<td>2,112</td>
<td>4,280</td>
</tr>
<tr>
<td>9</td>
<td>1,935</td>
<td>504</td>
<td>2,439</td>
<td>2,376</td>
<td>4,815</td>
</tr>
<tr>
<td>10</td>
<td>2,150</td>
<td>560</td>
<td>2,710</td>
<td>2,640</td>
<td>5,350</td>
</tr>
<tr>
<td>11-20*</td>
<td>2,241</td>
<td>591</td>
<td>2,832</td>
<td>2,664</td>
<td>5,496</td>
</tr>
</tbody>
</table>

*Beyond 20 Hours: Resident Fee is $126/hr. and Non-Resident Fee is $265/hr.

### TIER II UNDERGRADUATE STUDENTS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees **</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>227</td>
<td>56</td>
<td>283</td>
<td>295</td>
<td>578</td>
</tr>
<tr>
<td>2</td>
<td>454</td>
<td>112</td>
<td>566</td>
<td>590</td>
<td>1,156</td>
</tr>
<tr>
<td>3</td>
<td>681</td>
<td>168</td>
<td>849</td>
<td>885</td>
<td>1,734</td>
</tr>
<tr>
<td>4</td>
<td>908</td>
<td>224</td>
<td>1,132</td>
<td>1,180</td>
<td>2,312</td>
</tr>
<tr>
<td>5</td>
<td>1,135</td>
<td>280</td>
<td>1,415</td>
<td>1,475</td>
<td>2,890</td>
</tr>
<tr>
<td>6</td>
<td>1,362</td>
<td>336</td>
<td>1,698</td>
<td>1,770</td>
<td>3,468</td>
</tr>
<tr>
<td>7</td>
<td>1,589</td>
<td>392</td>
<td>1,981</td>
<td>2,065</td>
<td>4,046</td>
</tr>
<tr>
<td>8</td>
<td>1,816</td>
<td>448</td>
<td>2,264</td>
<td>2,360</td>
<td>4,624</td>
</tr>
<tr>
<td>9</td>
<td>2,043</td>
<td>504</td>
<td>2,547</td>
<td>2,655</td>
<td>5,202</td>
</tr>
<tr>
<td>10</td>
<td>2,270</td>
<td>560</td>
<td>2,830</td>
<td>2,950</td>
<td>5,780</td>
</tr>
<tr>
<td>11-20*</td>
<td>2,378</td>
<td>591</td>
<td>2,969</td>
<td>2,988</td>
<td>5,957</td>
</tr>
</tbody>
</table>

*Beyond 20 Hours: Resident Fee is $135/hr. and Non-Resident Fee is $293/hr.

** Student facilities fee of $60 per quarter for all full time Athens Campus students effective Winter, 2007 with the opening of the Baker University Center
# FY 2007 Graduate Student Tuition and Fee Schedule (Fall Quarter)

## All Graduate Students

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>314</td>
<td>66</td>
<td>380</td>
<td>331</td>
<td>711</td>
</tr>
<tr>
<td>2</td>
<td>628</td>
<td>132</td>
<td>760</td>
<td>662</td>
<td>1,422</td>
</tr>
<tr>
<td>3</td>
<td>942</td>
<td>198</td>
<td>1,140</td>
<td>993</td>
<td>2,133</td>
</tr>
<tr>
<td>4</td>
<td>1,256</td>
<td>264</td>
<td>1,520</td>
<td>1,324</td>
<td>2,844</td>
</tr>
<tr>
<td>5</td>
<td>1,570</td>
<td>330</td>
<td>1,900</td>
<td>1,655</td>
<td>3,555</td>
</tr>
<tr>
<td>6</td>
<td>1,884</td>
<td>396</td>
<td>2,280</td>
<td>1,986</td>
<td>4,266</td>
</tr>
<tr>
<td>7</td>
<td>2,198</td>
<td>462</td>
<td>2,660</td>
<td>2,317</td>
<td>4,977</td>
</tr>
<tr>
<td>8</td>
<td>2,512</td>
<td>528</td>
<td>3,040</td>
<td>2,648</td>
<td>5,688</td>
</tr>
<tr>
<td>9-18*</td>
<td>2,535</td>
<td>531</td>
<td>3,066</td>
<td>2,664</td>
<td>5,730</td>
</tr>
</tbody>
</table>

*Beyond 18 Hours: Resident Fee is $214/hr. and Non-Resident Fee is $410/hr.

## Medical Students

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time</td>
<td>7,286</td>
<td>531</td>
<td>7,817</td>
<td>3,333</td>
<td>11,150</td>
</tr>
</tbody>
</table>
# FY 2007 Graduate Student Tuition and Fee Schedule

(Effective Winter Quarter)

## All Graduate Students

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees **</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>314</td>
<td>73</td>
<td>387</td>
<td>331</td>
<td>718</td>
</tr>
<tr>
<td>2</td>
<td>628</td>
<td>148</td>
<td>774</td>
<td>662</td>
<td>1,436</td>
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<tr>
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<td>942</td>
<td>219</td>
<td>1,161</td>
<td>993</td>
<td>2,154</td>
</tr>
<tr>
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<td>1,548</td>
<td>1,324</td>
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</tr>
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<td>365</td>
<td>1,935</td>
<td>1,655</td>
<td>3,590</td>
</tr>
<tr>
<td>6</td>
<td>1,884</td>
<td>438</td>
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<td>1,986</td>
<td>4,308</td>
</tr>
<tr>
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<td>2,196</td>
<td>511</td>
<td>2,709</td>
<td>2,317</td>
<td>5,026</td>
</tr>
<tr>
<td>8</td>
<td>2,512</td>
<td>584</td>
<td>3,096</td>
<td>2,648</td>
<td>5,744</td>
</tr>
<tr>
<td>9-18*</td>
<td>2,535</td>
<td>591</td>
<td>3,126</td>
<td>2,664</td>
<td>5,790</td>
</tr>
</tbody>
</table>

*Beyond 18 Hours: Resident Fee is $214/hr. and Non-Resident Fee is $410/hr.

## Medical Students

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees **</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Time</td>
<td>7,286</td>
<td>591</td>
<td>7,877</td>
<td>3,333</td>
<td>11,210</td>
</tr>
</tbody>
</table>

** Student facilities fee of $60 per quarter for all full time Athens Campus students effective Winter, 2007 with the opening of the Baker University Center.
### UNDERGRADUATE STUDENTS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Business</th>
<th>Engineering</th>
<th>Communication</th>
<th>Arts &amp; Sciences</th>
<th>Education</th>
<th>Health &amp; Human Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>6</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>12</td>
<td>8</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
<td>18</td>
<td>12</td>
<td>3</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
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<td>24</td>
<td>16</td>
<td>4</td>
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<td>0</td>
</tr>
<tr>
<td>5</td>
<td>30</td>
<td>30</td>
<td>20</td>
<td>5</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6</td>
<td>36</td>
<td>36</td>
<td>24</td>
<td>6</td>
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<td>0</td>
</tr>
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<td>42</td>
<td>28</td>
<td>7</td>
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<td>0</td>
</tr>
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<td>8</td>
<td>48</td>
<td>48</td>
<td>32</td>
<td>8</td>
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<td>0</td>
</tr>
<tr>
<td>9</td>
<td>54</td>
<td>54</td>
<td>36</td>
<td>9</td>
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<td>0</td>
</tr>
<tr>
<td>10</td>
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<td>60</td>
<td>40</td>
<td>10</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11-20</td>
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<td>65</td>
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<td>15</td>
<td>0</td>
<td>0</td>
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</tbody>
</table>

### GRADUATE STUDENTS *

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Business</th>
<th>Engineering</th>
<th>Communication</th>
<th>Arts &amp; Sciences</th>
<th>Education</th>
<th>Health &amp; Human Services</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>11</td>
<td>11</td>
<td>9</td>
<td>6</td>
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<td>100</td>
<td>75</td>
<td>50</td>
<td>35</td>
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</tr>
<tr>
<td>11-20</td>
<td>100</td>
<td>100</td>
<td>75</td>
<td>50</td>
<td>35</td>
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</tbody>
</table>

* The College of Osteopathic Medicine charges a Medical Resource Technology Fee of $239 for all students.
### FY 2007 UNDERGRADUATE STUDENT TUITION AND FEE SCHEDULE (PER QUARTER)

#### SOUTHERN CAMPUS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>121</td>
<td>13</td>
<td>134</td>
<td>61</td>
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<td>1,331</td>
<td>134</td>
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<td>671</td>
<td>2,136</td>
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</table>

*Beyond 20 Hours: Resident Fee is $72/hr. and Non-Resident Fee is $106/hr.

#### OTHER CAMPUS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
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<tr>
<td>1</td>
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*Beyond 20 Hours: Resident Fee is $76/hr. and Non-Resident Fee is $149/hr.
# FY 2007 Undergraduate Student Tuition and Fee Schedule (Per Quarter)

## SOUTHERN CAMPUS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
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<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
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<tr>
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<td>143</td>
<td>1,584</td>
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</table>

*Beyond 20 Hours: Resident Fee is $78/hr. and Non-Resident Fee is $112/hr.

## OTHER CAMPUS

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
<th>General Fees</th>
<th>Resident Total</th>
<th>Non-Resident Surcharge</th>
<th>Non-Resident Total</th>
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</thead>
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<tr>
<td>1</td>
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<td>153</td>
<td>144</td>
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<tr>
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<td>405</td>
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<td>459</td>
<td>432</td>
<td>891</td>
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<td>918</td>
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<td>193</td>
<td>1,678</td>
<td>1,583</td>
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*Beyond 20 Hours: Resident Fee is $82/hr. and Non-Resident Fee is $155/hr.
### FY 2007 Graduate Student Tuition and Fee Schedule (Per Quarter)

#### ALL REGIONAL CAMPUSES

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Instructional Fees</th>
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<th>Non-Resident Total</th>
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<tr>
<td>1</td>
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<td>363</td>
<td>331</td>
<td>694</td>
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<td>726</td>
<td>662</td>
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<td>993</td>
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<td>2,541</td>
<td>2,317</td>
<td>4,858</td>
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<td>2,648</td>
<td>5,552</td>
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<td>413</td>
<td>2,948</td>
<td>2,664</td>
<td>5,612</td>
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</table>

*Beyond 18 Hours: Resident Fee is $214/hr. and Non-Resident Fee is $410/hr.
Trustee DeLawder presented and moved approval of the resolution. Mr. Snyder seconded the motion. All voted aye.

FISCAL YEAR 2006-2007
RESIDENCE AND DINING HALL FEE RATES

RESOLUTION 2006 - 2032

WHEREAS, sustained effort has been made to achieve financial stability for Ohio University's Residence and Dining Hall Auxiliary while providing necessary services for students, and

WHEREAS, the Residence and Dining Hall Auxiliary has budgeted for all operating expenses and debt service obligations by means of fees which are collected from students who use the residence and dining hall facilities.

NOW THEREFORE, BE IT RESOLVED that the Board of Trustees adopts the attached schedule of fees, effective Fall Quarter 2006.

It is found and determined that all formal actions of the Ohio University Board of Trustees concerning and in relation to the adoption of this resolution were adopted in open meeting of the Ohio University Board of Trustees and that all deliberations of the Ohio University Board of Trustees and any of its committees that resulted in such formal action, were in meetings open to the public in compliance with the law, including Section 121.22 of the Ohio Revised Code.

This resolution shall take effect immediately upon its adoption.
# Ohio University Residence & Dining Hall Rate Schedule

## Room Rates (Quarterly)

<table>
<thead>
<tr>
<th>Room Type</th>
<th>FY 2006</th>
<th>FY 2007</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single without A/C</td>
<td>1,580</td>
<td>1,643</td>
<td>63</td>
<td>4%</td>
</tr>
<tr>
<td>Single with A/C</td>
<td>1,617</td>
<td>1,682</td>
<td>65</td>
<td>4%</td>
</tr>
<tr>
<td>Standard Double without A/C</td>
<td>1,285</td>
<td>1,336</td>
<td>51</td>
<td>4%</td>
</tr>
<tr>
<td>Standard Double with A/C</td>
<td>1,317</td>
<td>1,370</td>
<td>53</td>
<td>4%</td>
</tr>
<tr>
<td>New South Double without A/C</td>
<td>1,370</td>
<td>1,425</td>
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<td>4%</td>
</tr>
<tr>
<td>New South Double with A/C</td>
<td>1,402</td>
<td>1,458</td>
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<td>4%</td>
</tr>
<tr>
<td>Triple without A/C</td>
<td>1,061</td>
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</tr>
<tr>
<td>Triple with A/C</td>
<td>1,086</td>
<td>1,129</td>
<td>43</td>
<td>4%</td>
</tr>
<tr>
<td>Quad without A/C</td>
<td>1,201</td>
<td>1,249</td>
<td>48</td>
<td>4%</td>
</tr>
<tr>
<td>Quad with A/C</td>
<td>1,229</td>
<td>1,278</td>
<td>49</td>
<td>4%</td>
</tr>
<tr>
<td>Triple Bromley Hall with A/C</td>
<td>1,129</td>
<td>1,174</td>
<td>45</td>
<td>4%</td>
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</table>

## Board Rates (Quarterly)

<table>
<thead>
<tr>
<th>Meal Plan</th>
<th>FY 2006</th>
<th>FY 2007</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 Meal Plan</td>
<td>1,033</td>
<td>1,033</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>14 Meal Plan</td>
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<td>14 Meal Super</td>
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<td>0%</td>
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<td>20 Meal Plan</td>
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<tr>
<td>20 Meal Super</td>
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</table>

## University Apartment Rental Rates (Monthly)

**Wolfe/Ullom Street**

<table>
<thead>
<tr>
<th>Type</th>
<th>FY 2006</th>
<th>FY 2007</th>
<th>Dollar Change</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efficiency, furnished</td>
<td>535</td>
<td>545</td>
<td>10</td>
<td>2%</td>
</tr>
<tr>
<td>1 Bedroom, furnished</td>
<td>680</td>
<td>695</td>
<td>15</td>
<td>2%</td>
</tr>
<tr>
<td>Bedroom/Nursery, furnished</td>
<td>705</td>
<td>720</td>
<td>15</td>
<td>2%</td>
</tr>
<tr>
<td>2 Bedroom, furnished</td>
<td>790</td>
<td>805</td>
<td>15</td>
<td>2%</td>
</tr>
</tbody>
</table>
Trustee DeLawder presented and moved approval of this resolution. Mr. Snyder seconded the motion. All agreed. (Signed resolution is attached.)

THE PETER E. NAGY MEMORIAL POND

RESOLUTION 2006 - 2033

WHEREAS, Mental illness, and those suffering from it, have been and continue to be the subject of severe stigma and misunderstanding and,

WHEREAS, The Ridges Cemeteries Committee and numerous entities such as Alcohol, Drug Addiction and Mental Health Board, Ohio University, Hocking College, the Athens Chapter of the National Alliance on Mental Illness, Appalachian Behavioral Healthcare, the O'Bleness Foundation, the Civilian Conservation Corps, the Sojourners/Outbackers, The Gathering Place, the City of Athens, and many others have been working to fight that stigma by restoring and beautifying the three old psychiatric hospital cemeteries on the Ridges and by building a Pond and Nature Walk connecting them and

WHEREAS, Both the work on the cemeteries and the construction of the Pond and Nature Walk were designed to replace the dark shroud of disrespect and superstition with the light of nature's beauty and in doing so combat stigma against the mentally ill, living and dead and

WHEREAS, The short life of Peter E. Nagy symbolizes the humanity, dignity and terrible — all too often fatal — struggle of those who suffer from mental illness.

NOW, THEREFORE, LET IT BE RESOLVED that the undersigned request that the Ohio University Board of Trustees name the newly reconstructed pond at the base of the cemetery on Tower Drive THE PETER E. NAGY MEMORIAL POND.

Thomas W. Walker,
The Chair, The Ridges Cemeteries Committee

Earl Cecil, Chief Executive Office,
The Alcohol Drug Addiction and Mental Health Services Board

Max McGee
Chief Clinical Officer, Appalachian Behavioral Healthcare

Adrienne Nagy
President, The National Alliance on Mental Illness, Athens Chapter
(Signing on behalf of The Nagy Family)
THE PETER E. NAGY MEMORIAL POND

WHEREAS: Mental illness, and those suffering from it, have been and continue to be the subject of severe stigma and misunderstanding and,

WHEREAS: The Ridges Cemeteries Committee and numerous entities such as Alcohol, Drug Addiction and Mental Health Board, Ohio University, Hocking College, the Athens Chapter of the National Alliance on Mental Illness, Appalachian Behavioral Healthcare, the O'Bleness Foundation, the Civilian Conservation Corps, the Sojourners/Outbackers, The Gathering Place, the City of Athens, and many others have been working to fight that stigma by restoring and beautifying the three old psychiatric hospital cemeteries on the Ridges and by building a Pond and Nature Walk connecting them and,

WHEREAS: Both the work on the cemeteries and the construction of the Pond and Nature Walk were designed to replace the dark shroud of disrespect and superstition with the light of nature’s beauty and in so doing combat stigma against the mentally ill, living and dead and

WHEREAS: The short life of Peter E. Nagy symbolizes the humanity, dignity and terrible - all too often fatal - struggle of those who suffer from mental illness.

NOW, THEREFORE, LET IT BE RESOLVED that the undersigned request that the Ohio University Board of Trustees name the newly reconstructed pond at the base of the cemetery on Tower Drive THE PETER E. NAGY MEMORIAL POND.

Thomas W. Walker, 10/20/05
Chair, The Ridges Cemeteries Committee

Earl Cecil, Chief Executive Officer, 10/24/05
The Alcohol Drug Addiction and Mental Health Services Board

Max McGee
Chief Clinical officer, Appalachian Behavioral Healthcare

Adrienne Nagy, 10/21/05
President, The National Alliance on Mental Illness, Athens Chapter
(Signing also in behalf of The Nagy Family)
DATE: October 24, 2005

TO: Roderick McDavis, President

FROM: Thomas W. Walker, Professor Emeritus and Chair, Ridges Cemeteries Committee

SUBJECT: Dedication of the New Pond on the Ridges to the Memory of Peter E. Nagy

For the last several years, an ad hoc committee, organized originally by the Alcohol, Drug Addiction and Mental Health Board (The 317 Board), has labored to beautify and restore dignity to the three psychiatric hospital cemeteries located on the Ridges. Though the OU lawn crews have been doing an heroic job of mowing and weed whacking around most standing stones, the edges of the graveyards containing hundreds of graves had grown up in brush and saplings long before OU purchased the surrounding land in the 1970s. In addition, many stones had been uprooted and broken and the cemeteries had become the brunt of stories of ghosts, goblins and witchcraft - stories that were actually promoted in one Fox TV program.

Accordingly, the committee - composed of a wide variety of entities including Ohio University and supported with ample grants and funding from the O'Bleness Foundation, The local chapter of the National Alliance on Mental Illness, Ohio University, and Hocking College - has overseen both the restoration of the cemeteries themselves and the building of a Nature Walk connecting them. Part of the Nature Walk is a recently rebuilt pond at the base of one of the Cemeteries. The Walk and Pond are designed to encourage people to think not of ghosts and witches but rather of the natural beauty of the area in which nearly 2000 forgotten souls were put to rest. It is a way of respecting those dead and fighting stigma against the mentally ill in general - a way of bringing sunshine to a place formally shrouded in disrespect and dark superstition.

The main purpose of this letter is to petition you to please propose to the Ohio University Board of Trustees that the pond be named the PETER E. NAGY MEMORIAL POND in memory of a native and OU undergraduate whose life was cut short as a result of his mental illness. In naming the pond after Peter, Ohio University and the Athens community would be honoring and recognizing all those who, through no fault of their own, have suffered or are suffering from mental illness and treating them not as objects of derision and ghost stories but rather as human beings who deserve our compassion and love in life and, of course, in death.

The family of Peter Nagy - though not consulted until last month - enthusiastically endorse the idea of naming the pond after their son.

I am enclosing a formal resolution from our committee and other entities.

Thank you very much.
Dear Alan:

With a hard copy of this, I am sending you signed copies of the paperwork you requested petitioning that the pond at the Cemetery be named for Peter Nagy. A pasted version is below. Hope that's what you wanted. If not, please let me know and I will make modifications and can easily collect signatures again. I want to get it just right. Thanks for your support in all of this.

Best, Tom Walker

DATE: October 24, 2005

TO: Roderick McDavis, President

FROM: Thomas W. Walker, Professor Emeritus and Chair, Ridges Cemeteries Committee

SUBJECT: Dedication of the New Pond on the Ridges to the Memory of Peter E. Nagy

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The main purpose of this letter is to petition you to please propose to the Ohio University Board of Trustees that the pond be named the **PETER E. NAGY MEMORIAL POND** in memory of an Athens native and OU undergraduate whose life was cut short as a result of his mental illness. In naming the pond after Peter, Ohio University and the Athens community would be honoring and recognizing all those who, through no fault of their own, have suffered or are suffering from mental illness and treating them not as objects of derision and ghost stories but rather as human beings who deserve our compassion and love in life and, of course, in death.
The meeting was called to order by President Roderick McDavis at 5:15 p.m.

INFORMATIONAL ITEM

Center for Student Legal Services – Aslyne Rodriguez
- During six-month sample period, Center had appointments with 495 students (average of eight students per day)
- Collaborating with Ohio University’s Off-Campus Living Office donating $10,000 for: camcorders and video taping service-$3,400; newsletter-$600; and Student Senate off-campus property rating system-$6,000
- Center expanded its educational outreach program
- Hired “Impressions,” a nationally ranked public relations firm which updated internet information, provided new brochures, and produced community advertisements
- Offers mediation services: long standing relationship with Athens Area Mediation Services; handles dispute resolution between students; offers low cost training for mediators
- Provides two major services: 1) education, and 2) legal representation
- Center assists university and community in developing civically responsible students
- More students are opting to pay to have access to the Center
- In nine years of existence, after serving over 9,000 students, no one has ever complained about the service provided by the Center
- Center wants students to leave Ohio University with a degree, not a record

ACTION ITEMS

Adoption of an Amendment to the Alternative Retirement Program – R. Gregory Browning
- Amendment involves issues such as contribution rates, definition of eligible employees, re-employment, and provider selection
- Resolution presented
- Motion to support resolution was presented by C. Daniel DeLawder
- Motion seconded by C. Robert Kidder
- Motion was voted upon and passed

Appointment to Regional Coordinating Councils – R. Gregory Browning
- Resolution presented to appoint the following people to the Coordinating Council at the Regional Campus of Ohio University – Chillicothe:
Linda F. Brown -- nine-year term
Larry Gates -- three-year term
Sandra Rudawsky -- nine-year term

• Motion to support resolution presented by C. David Snyder
• Motion seconded by C. Daniel DeLawder
• Motion voted upon and passed

Approval of Early Retirement Incentive Program – President Roderick McDavis

• OPERS/ERIP part of overall plan to deal with $18.6 million budget cut over two-year period
• Plan would present a way to realign budget from a negative to a positive
• Number of lay-offs exceeds 50 employees therefore making ERIP mandatory
• 308 employees eligible for plan (service and age considered in arriving at this number – other employees could be eligible if military and other time bought back)
• Anticipated one-half, or 154, will elect to take ERIP
• Employees will receive $10,000 if they opt to take plan within 60 days after offered
• This action at this time would generate $9.3 million that can be reinvested in Ohio University in 2007 in: undergraduate education, graduate education, research, and faculty lines – part of Vision Ohio plan
• Employees opting for ERIP plan would be hired back only on rare occasion and for only one year – would have to go before Position Review Committee
• This plan rational and humane thing to do for employees
• Of the 308 eligible employees, only four have been identified as possibly being hired back
• ERIP is only a part of budget realignment plan, not the centerpiece of it
• Minor corrections need to be made to resolution
• Looking beyond 2007, budget should be in good shape until 2010 with ERIP plan barring any unforeseen circumstances beyond the university’s control
• OPERS offering seminars on campus March 21-23, 2006 and 80 employees have registered so far
• Motion to support resolution presented by C. David Snyder
• Motion seconded by C. Daniel DeLawder
• Motion voted upon and passed
Dr. Browning presented the resolution. Mr. Schey moved its adoption. Dr. DeWire seconded the motion and all agreed.
Dr. Browning presented the resolution. Mr. Schey moved its adoption. Dr. DeWire seconded the motion and all agreed.

ADOPTION OF AN AMENDMENT TO THE ALTERNATIVE RETIREMENT PLAN

RESOLUTION 2006 - 2034

WHEREAS, the Ohio University Board of Trustees was the first public institution of higher education to pass Resolution number 1998-1567 authorizing an alternative retirement system for academic and administrative university employees of Ohio University, and

WHEREAS, the Board further established an Alternative Retirement Plan (ARP), which defined and described the Ohio University ARP Program, and

WHEREAS, since the adoption of the Ohio University “ARP”, changes in the law have occurred that warrant an amendment to the University’s plan document and that warrant the university adopt the amendment in compliance with Senate Bill 133 that became effective August 1, 2005.

NOW, THEREFORE, BE IT RESOLVED, that the Ohio University Board of Trustees hereby adopts the attached amendment of the Ohio University Alternative Retirement Plan that is in compliance with current legislation.

BE IT FURTHER RESOLVED, that the Board hereby authorizes the Office of Legal Affairs and Human Resources to take the steps necessary to complete, modify and adjust the plan document as needed to be in full compliance with State and Federal Law and to meet the requirements of the Internal Revenue Service to be a qualified plan.

It is found and determined that all formal actions of this Board of Trustees concerning and in relation to the adoption of this resolution were adopted in an open meeting of this Board of Trustees and any of its committees that resulted in such formal action, were in meetings open to the public in compliance with the law, including Section 121.22 of the Ohio Revised Code.

This resolution shall take effect immediately upon its adoption.
To: The Ohio University Board of Trustees

From: Nicolette Dioguardi, Associate Director of Legal Affairs

Re: Resolution Amending The University's Alternative Retirement Plan (ARP)

Dear Trustees,

Included in your materials is a resolution that adopts the most recent amendments to the University's Alternative Retirement Plan. On August 1, 2005, Substitute Senate Bill 133 required that we amend four (4) sections of our ARP. The amendments involve various issues, such as contribution rates, definition of eligible employees, reemployment, and provider selection. All required amendments have been made to our plan and have been in effect since August 1, 2005. This resolution ratifies the implementation of the amendments, a copy of which is also included herein.
AMENDMENT OF THE OHIO UNIVERSITY ALTERNATIVE RETIREMENT PLAN FOR THE CHANGES REQUIRED BY SENATE BILL 133

PREAMBLE

This amendment of the Ohio University Alternative Retirement Plan (the “Plan”) is adopted to reflect certain provisions of Substitute Senate Bill 133. Except as otherwise provided, this amendment shall be effective August 1, 2005.

This amendment shall supersede the provisions of the Plan to the extent those provisions are inconsistent with the provisions of this amendment.

1. Section 1.10 of the Plan is amended by the addition of the following paragraph to the end of Section 1.10:

Effective as of August 1, 2005, Employer contributions shall be made at a rate equal to the percentage of Compensation of each Participant that the Employer would otherwise contribute on behalf of each Participant (had the Participant not made an election pursuant to Section 3305.05 or 3305.51 of the Revised Code to participate in the Plan) to the respective plan in Chapter 145, 3307, or 3309 of the Revised Code, less the percentage contributed by the Employer to such plan pursuant to Section 3305.06(D) of the Revised Code.

2. Section 2.8 is amended by the addition of the following paragraph to the end of Section 2.8:

Effective as of August 1, 2005, “Eligible Employee” shall mean (a) any Full-time Employee whose employment commences on or after August 1, 2005, or (b) any Full-time Employee who, as of August 1, 2005, has less than five years of total service credit in the State Teachers Retirement System, the Public Employees Retirement System, or the School Employees Retirement System, unless such person had an opportunity, pursuant to Chapter 3305 of the Revised Code in effect prior to August 1, 2005, to make an election as an Academic Employee or an Administrative Employee to participate in an alternative retirement plan sponsored by the Employer. Notwithstanding the foregoing, “Eligible Employee” automatically shall include (1) any employee who participated in an alternative retirement plan under Chapter 3305 of the Revised Code in the employee’s last employment position with the Employer (and who has not incurred a One Year Break in Service) and who transfers, or is transferred, to an employment position with the Employer for which an alternative retirement plan under Chapter 3305 of the Revised Code is not available from that Employer or (2) any employee whose employment with the Employer terminates while the employee is participating in an alternative retirement plan under Chapter 3305 of the Revised Code and the employee recommences employment with the Employer before the employee has had a One Year Break in Service regardless of the employee’s employment position with the Employer upon the employee’s return or (3) any Full-time Employee whose previous employment with the Employer terminated before the employee had completed one hundred twenty (120) days of service with the
Employer and such Employee had not, or had not been deemed to have, elected to participate in the Public Employees Retirement System, School Employees Retirement System or State Teachers Retirement System (collectively, "State Retirement System") as applicable, within such Employee's previous employment with the Employer.

3. Section 3.3 of the Plan is amended by the addition of the following paragraph to the end of Section 3.3:

Effective as of August 1, 2005, in the event a Participant is re-employed prior to incurring a One-Year Break in Service or an employee whose participation was previously terminated pursuant to Section 3.2 is reclassified as an Eligible Employee prior to incurring a One-Year Break in Service, such employee will participate in the Plan immediately upon becoming an Eligible Employee of the Employer.

4. Section 5.2 of the Plan is amended by the addition of the following paragraph to the end of Section 5.2:

Effective as of August 1, 2005, if a Participant makes an election to change to a new Provider, a Participant may specify that a part or all of such Participant's account be transferred to the new Provider. Provided however, a Provider is not required to immediately transfer any part of the Participant's account invested at the Participant's election in a fixed annuity account if the contract under which the investment was made permits the Provider to make such a transfer over a period of time not exceeding ten years and the contract was filed with and approved by the Ohio Department of Insurance pursuant to Section 3911.011 of the Ohio Revised Code.

IN WITNESS WHEREOF, the University hereby adopts and ratifies this Amendment to The Ohio University Alternative Retirement Plan, effective as of the 1st day of August 2005.

THE OHIO UNIVERSITY

By: Larry Corrigan
Interim Vice President
For Finance and Administration
Dr. Browning presented the resolution. Mr. DeLawder moved approval. Mr. Kidder seconded the motion. Approval was unanimous.

Appointment to Regional Coordinating Councils

RESOLUTION 2006 - 2035

BE IT RESOLVED BY the Board of Trustees of Ohio University that the following persons be appointed to membership on the Coordinating Council at the Regional Campus of Ohio University - Chillicothe.

Ohio University - Chillicothe

Linda F. Brown For a nine-year term beginning March 1, 2006, and ending at the close of business June 30, 2014, vice Chris Glassburn, whose term expired.

Larry A. Gates For a three-year term beginning March 1, 2006, and ending at the close of business June 30, 2008, vice Carl Jones, who resigned.

Sandra Rudawsky For a nine-year term beginning March 1, 2006, and ending at the close of business June 30, 2014.
Linda F. Brown  
331 Cooks Hill Road  
Chillicothe, OH 45601  
740-775-2565

Education:  
- Chillicothe High School  
  1967  
- The Ohio State University  
  B.S. in Business Administration  
  1971

Employment:  
- Globe Furniture of Chillicothe, Inc.  
  1971 to present  
  General Manager/Past Vice-President, now President  
  I am the fourth generation of our 100-year-old family owned business.

Affiliations:  
- Board of Trustee member of The Scioto Society, Inc., producers of "Tecumseh!"  
  present  
- Board of Trustee member of the First Presbyterian Church  
  present  
- President of the First Capital District, Downtown organization  
  present  
- Member of the Noon Rotary Club  
  present  
- Life member of The OSU Alumni Club  
  present  
- Life member of the Chillicothe High School Alumni Club  
- Past President and sustaining member of The Junior Civic League  
- Past Board member of The Chillicothe-Ross Chamber of Commerce

Personal:  
- Married to Stephen A. Brown who works for NewPage Corporation  
  1998  
  Son, Seth A. Brown who graduated from Ohio University Athens  
  He is married to Laura.  
  He works with me and is the fifth generation.  
  Son, Ryan N. Brown who graduated from The Ohio State University  
  He is married to Martha.  
  He works with me and is the fifth generation.  
  Daughter, Kristin It Brown who graduated from Ohio University Athens  
  2005  
  She has accepted a position as a retail-merchandising manager for a clothing store in Columbus, OH.  
  I am interested in the preservation of history in our community as well as cultural arts and support The Ross County Historical Society, Lucy Hayes Heritage Center and The Pump House Center for The Arts.
Biography:

Larry A. Gates, Senior Vice President, Human Resources & Administration Philip Morris Companies, Inc.

Larry A. Gates was named Senior Vice President, Human Resources & Administration for Philip Morris Companies, Inc., on September 1, 1994. Mr. Gates previously served as Vice President, Human Resources for Philip Morris International Inc., since 1991.

Mr. Gates joined the company in 1967 and has held positions of increasing responsibility in human resources throughout the years. From 1978 to 1989, while with Kraft USA, Mr. Gates served as Director, Human Resources-International; Director, Management and Organization Development, and Vice President and Director, Personnel. In 1989, Mr. Gates was named Vice President, Human Resources-Europe for Kraft International, based in Munich, Germany.

Mr. Gates graduated from Northeastern University with a bachelor's degree in business administration in 1964.


Chillicothe Activities

Upon returning to Chillicothe I served as:

- Board Member – Chillicothe Education Foundation
- President – Chillicothe High School Alumni Association

Current Activities

- Partner, Sunrush Enterprises, LLC
  600 Acres of residential/business development in Chillicothe, OH

- Partner, Adena Acres, LLC
  Residential property development
• In 2003 established the Gates Foundation, Ross County Scholarship Fund in conjunction with Ohio University

• Elected to the Board of Directors – Adena Health Systems in January, 2005.

Currently servicing on the following committees:

• Finance
• Human Resources
• Audit

• Currently serving as Project Director for the Ross County & Ohio University-Chillicothe Child Development & Family Service Center.

• Chillicothe Chamber of Commerce

• Currently friend of the Chamber member
Sandra Rudawsky

Sandra Rudawsky is the Corporate Senior Vice President and Chief Operating Officer at Berger Health System in Circleville, Ohio. She is a registered nurse, a former Director Emergency Services, adjunct faculty in Business Administration, and Chief Nurse Executive.

She has worked at the state and national level with legislators and is actively involved with a variety of boards and professional organizations. Ms. Rudawsky is a member of the Ohio Bar Association, American College of Healthcare Executives, American Health Lawyers, Ohio Society of Healthcare Attorneys, and the Ohio Society of Nurse Executives. Sandy has a strong commitment to the education and development of employees and innovation and advancement of the practice of nursing, as well as strategic position for the growth of the health system. She has worked in large medical centers as well as community hospitals and as the COO maintains an open door policy for employees at all levels of the organization. Sandy has partnered with Ohio University to develop a nursing education model that is unique in the country.

Ms. Rudawsky holds a diploma in Nursing from Good Samaritan School of Nursing in Zanesville, Ohio; received her BS in Nursing Administration from the College of Mount Saint Joseph in Cincinnati, Ohio; MS in HealthCare Administration from Central Michigan University in Mount Pleasant, Michigan; and her JD from the University of Akron in Akron, Ohio.
Sandra Rudawsky, RN, MS, JD, CHE
srudawskv®yahoo.com
Rt. 1, Box 621	 H: (740) 746-9132
Sugar Grove, OH 43155	 C: (740) 412-4611

PROFESSIONAL PROFILE
Proven executive leader with extensive management, operational, and transactional experience.
Recognized for exceptional communication, motivation, leadership, and team building skills. Leads with
creative and innovative problem solving, fair and consistent management with strong legal and
compliance focus. Distinguished as a resource for knowledge of state and federal law and regulations.

EDUCATION
2000  Juris Doctor, The University of Akron School of Law
      Ohio Law License 0072666
1993  Master of Science, Healthcare Administration, Central Michigan University:
1991  Bachelor of Science, College of Mount Saint Joseph:
1970  Diploma of Nursing, Good Samaritan School of Nursing:
      Ohio Nursing License 114650

EMPLOYMENT
Senior Vice President/Chief Operating Officer 2002-present
Berger Health System
Strategic, operational, and resource management responsibilities including Compliance/risk management,
Finance, Patient Care, Medical Staff, MIS, Human Resources, Business Development, and Facilities.
- Developed and initiated joint venture model Associate Degree program in Nursing in conjunction
  with Ohio University Chillicothe: national grant awarded, faculty ASHHRA in Orlando, July 2005
- Successfully launched “Agency Free” reducing nursing agency cost from $2 million to less that
  $500,000 per year
- Planned and managed $14 million on campus renovation of surgery, education, cafeteria, lobbies,
  and 40,000 square foot medical office building
- Designed and implemented an institutional Physician Peer Review process including establish
  department specific and institution wide quality and customer benchmarks
- Administers, directs and evaluates Physician and Licensed Independent Practitioners
  credentialing, practice and compliance
- Advises Medical Executive Committee, as well as Departments of Medicine and Surgery, Ethics
  Committee

Vice President, Patient Care Services 2000-2002
Berger Health System
Administrative responsibility for twenty-three patient care departments, strategic planning, and program
development.
- Developed and implemented hospital wide risk management plan
- Successfully led JCAHO, ODH, CARF, and CAP surveys
- Implemented policies and procedures and management initiatives that reduced turnover from 40%
  to 8%
- Formulated annual CEU on Legal aspects and Licensure Compliance

Legislative Associate, U.S. House of Representatives 1998 - 1999
Representative Tom Sawyer
Simulation of health care policies, analysis and interpretation of proposed and current legislation and case law, speech writing, and public policy education for constituents

Major Projects

* False Claims Act and Healthcare - HCFA, Department of Justice, hospital representatives and physicians
* Medicare+Choice - HCFA, Third Party Administrators, physicians, and beneficiary advocates

Speaking Engagements

* The Crisis in Health Care - Summit and Portage District Nurse
* Managed Care: We Can Make a Difference - Tri-County AORN

**Director of Emergency Services** 1985-1997

Good Samaritan Medical Center

Responsibilities: Trauma Services, Disaster Services, Observation Unit, and EMS Services

- Designed and managed Emergency Department revocation project
- Developed and operated Fast Track ER, Chest Pain Clinic, and Observation Unit
- Increased volume from 18,000/yr. to 50,000/yr. by creating Center of Excellence and establishing clinical and customer competencies and exceeding benchmarks routinely
- Initial development and Board member of the first Joint hospital venture with the creation and development of Community Ambulance Service

**Adjunct Faculty** 1994-1997

Muskingum Area Technical College

College of Business Administration

- Courses Taught:
  - Principles of Management
  - Introduction to Management
  - Life Skills for Women

**LAW FELLOWSHIPS AND EXTERNSHIPS**

2000 Externship: Representative Ann Womer Benjamin, Ohio House of Representatives

1999 Certification: Mediator

1999 Externship: Ohio Department of Health - Office of the General Counsel

1998 Health Care Fellow: Congressman Tom Sawyer, Washington, DC

Article: Managed Care and the ERISA Preemption Redefining Medicine: A Congressional Mandate to Cure Health Care

**COMMITTEES AND BOARDS**

2004-present Ohio University Chillicothe Bicentennial Campaign: Steering Committee

2001-present Society of Healthcare Attorneys - Ohio Hospital Association

2001-present Ohio Patient Safety Initiative: Legal/Legislative Committee

2000-present Ohio State Bar Association: Health Law Committee

2000-present Ohio Organization of Nurse Executives: Legislative Committee

**PROFESSIONAL ORGANIZATIONS**

- 2002-present American College of Healthcare Executives Diplomate
- 2002-present American Health Lawyers
- 2000-present American Organization of Nurse Executives
- 2000-present Ohio Organization of Nurse Executives
- 1999-present Ohio Bar Association
Dr. Browning presented the resolution. Mr. DeLawder moved its approval. Mr. Snyder seconded the motion. All voted aye.

**OHIO UNIVERSITY EARLY RETIREMENT INCENTIVE PLAN FOR EMPLOYEES COVERED BY THE OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM**

**RESOLUTION 2006-2036**

WHEREAS, Section 145.297 of the Ohio Revised Code enables institutions whose employees are covered by the Ohio Public Employees Retirement System (OPERS) to establish retirement incentive plans for employees who are members of OPERS, and

WHEREAS, Ohio University intends to adopt such an early retirement incentive plan (ERIP) to provide more flexibility in its long-term human resource and budget planning to implement Vision Ohio, and

WHEREAS, adoption of an ERIP will also provide recognition and support for persons who have given many years of distinguished service to the University.

NOW THEREFORE, BE IT RESOLVED that effective April 1, 2006 and continuing through August 31, 2007, the University will purchase service credit for eligible OPERS members electing to retire under the ERIP, and further that the amount of service credit purchased shall not exceed one year of the individual’s total service credit in OPERS as of the date an eligible OPERS member elects to retire under this plan, and

BE IT FURTHER RESOLVED that the maximum number of eligible members under the ERIP will be one hundred percent (100%) of the eligible employees of the University who are employed at one of its six campuses and are members of OPERS as of April 1, 2006, and

BE IT FURTHER RESOLVED that those individuals who are eligible and approved for participation in the ERIP must retire within ninety (90) days of notification that additional service credit has been credited by OPERS, and no more than one plan shall be in effect at one time, and

BE IT FURTHER RESOLVED that in the event of any disputes arising under the ERIP, resolution shall be by use of established internal complaint/grievance procedures currently available to the affected employees, and

BE IT FURTHER RESOLVED that the President or his designee is authorized to promulgate a policy and to offer incentives necessary to put into effect the ERIP, and
BE IT FURTHER RESOLVED that the President or his designee is authorized and requested to monitor the monetary and operational effectiveness of the ERIP and to prepare and provide these reports to the Board.

OPEN MEETINGS. This Board finds and determines that all formal actions of this Board relating to the enactment of this Resolution were taken in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in those formal actions were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

Adopted: March 2, 2010

Certified by:  

Dr. Alan H. Geiger  
Secretary to the Board of the  
Ohio University Trustees
Due to significant budget deficits, and based on a two year budgetary realignment plan, which involves significant budget reductions, an OPERS eligible Employment Retirement Incentive Plan (ERIP) is being proposed to the Ohio University Board of Trustees for adoption effective April 1, 2006. The budget realignment plan will provide resources to implement Vision OHIO.

The proposed voluntary OPERS ERIP under Section 145.297 of the Ohio Revised Code will be offered to classified and administrative employees, in lieu of a mandatory plan which would be required under Ohio law should the realignment plan cause the lay off of more than 50 employees. You might remember the University had a previous OPERS ERIP during 2003-2004 fiscal year, which resulted in 192 employees taking the ERIP and a University wide cost savings of $5,124,823.00. The cost savings is mostly reflected by a replacement of only 52 percent of the vacant positions, most at a reduced cost, and the abolishment of the remaining 48 percent. In addition, all requests for replacing a vacant position underwent a substantive evaluation by a Position Review Committee.

The proposed ERIP, which would be in place from April 1, 2006 to August 31, 2007, has 308 eligible employees. It is difficult to precisely predict the exact number of eligible employees who will take the ERIP, but we have estimated, based on previous experience and analysis by the Planning Units Heads, that 50 percent of those eligible will take the ERIP, particularly with the offer of a financial incentive to agree to retire by July 1, 2006. It should be noted that Ohio law requires the ERIP to be open for at least one year. It also is the plan of the University, as directed by the President and Provost, that the Position Review Committee approves the replacement of only 50 percent of the ERIP positions, bearing in mind the programmatic needs of the University and support of the Vision OHIO budgetary realignment plan. There also will be other significant service and expense reductions, including reductions in staff other than from the ERIP.

As aforementioned, the ERIP is only one part, but a significant part of the budgetary realignment plan; and it will avoid a required ERIP under Ohio law, which could possibly lead to further costs and litigation. Further, the savings projected if 50 percent of the eligible
employees take the ERIP would be achieved in approximately one year. A more detailed cost benefit analysis will be presented at the board meeting.

A draft resolution is attached, along with the form the University is required to submit to OPERS to proceed with the ERIP. At the Board meeting, the University staff will be available to answer any questions about the ERIP as part of the budgetary realignment plan.

Cc: Dr. Kathy Krendl, Provost
    Dr. Alan H. Geiger, Secretary to the Ohio University Board of Trustees
    Mr. Larry A. Corrigan, Interim Vice President for Finance and Administration and Treasurer
    Mr. James E. Kemper, Assistant Vice President for Human Resources

Attachments
EMPLOYER NOTICE OF ADOPTION OF A VOLUNTARY RETIREMENT INCENTIVE PLAN

This is to certify that Ohio University has established a voluntary retirement incentive plan adopted per Section 145.297, Ohio Revised Code. A copy of the plan is attached.

- The effective date of the plan is April 1, 2006.
- The plan terminates on August 31, 2007.
- The maximum amount of service credit purchasable is one year(s) for each eligible employee.
- Is the plan being established due to a termination of operations? □ yes □ no
- Is the employing unit fully supported by direct state or local tax levies or settlements? □ yes □ no If no, specify the amount of tax revenue per year $ ________________

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<tr>
<th>COMPLETE THESE SIGNATURES</th>
<th>COMPLETE THIS SIGNATURE (If necessary):</th>
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</thead>
<tbody>
<tr>
<td>1. OHIO University 1634-08</td>
<td>3. Subordinate Employing Unit/ Employer code</td>
</tr>
<tr>
<td>Employing Unit/ Employer Code</td>
<td>Officer/ Title (Signature)</td>
</tr>
<tr>
<td>R. Gregory Browning, Chairman Board of Trustees</td>
<td>Officer/ Title (Please print)</td>
</tr>
<tr>
<td>108 Cutler Hall</td>
<td>Street Address or PO Box</td>
</tr>
<tr>
<td>Athens, OH 45701</td>
<td>City/ State/ Zip</td>
</tr>
<tr>
<td>(Signature)</td>
<td>Date</td>
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<tr>
<td>2. Fiscal Officer Reporting to OPERS/ Title (Signature)</td>
<td>Fiscal Officer Reporting to OPERS/ Title (Please print)</td>
</tr>
<tr>
<td>Larry Corrigan, Interim VP for Finance &amp; Administration</td>
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<tr>
<td>Date</td>
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NOTE: Do not use this form if the Retirement Incentive Plan is required by Section 145.298, Ohio Revised Code; submit form F-111b for a mandatory Retirement Incentive Plan.
Chairman Browning presented the one matter before the Committee.
Chairman Browning presented the resolution. Mr. Kidder moved approval of the resolution. Mr. Schey seconded the motion and all voted aye.

APPOINTMENT OF UNIVERSITY TRUSTEES TO THE OHIO UNIVERSITY FOUNDATION BOARD

RESOLUTION 2006 – 2037

WHEREAS, on September 9, 1995 the Ohio University Board of Trustees accepted amendments to The Ohio University Foundation Board By-Laws authorizing the appointment of three University Trustees to the Foundation Board of Trustees for a term not to exceed three years, and

WHEREAS, the first appointments were made November 18, 1995 and have continued since based upon the availability of University Trustees.

NOW, THEREFORE, BE IT RESOLVED, that the following Ohio University Board of Trustees members be appointed to The Ohio University Foundation.


Executive Session

On Thursday, March 2, 2006 with a motion by Trustee DeLawder and seconded by Dr. DeWire, the Ohio University Board of Trustees and its committees resolved to hold an executive session to consider personnel matters as permitted by Section 121.22(G)(1), real estate matters under Section 121.22(G)(2), and litigation or threat thereof under Section 121.22(G)(3), of the Ohio Revised Code and for meeting with the Internal Auditor as permitted by the Code on the 2nd day of March 2006. The meeting was held at the Ohio University Lancaster Campus.

On a roll call vote Dr. Browning, Mr. DeLawder, Dr. DeWire, Mr. Kidder, Ms. Perry, Mr. Schey, Mr. Snyder, and Mr. Walter voted aye.

Also attending the session, as parts thereof, were Student Trustees Micah Mitchell and Aslyne Rodriguez; National Trustee Charles Stuckey, Jr.; President Roderick McDavis, Board Secretary Alan Geiger, Provost Kathy Krendl, and Treasurer-Elect William Decatur.

Personnel Matters

Trustees reviewed the personnel aspects of the budget realignment necessary to eliminate an operational financial deficit and to invest in the goals of Vision Ohio. In considering what is being done and how it will be done to meet those two objectives, Trustees considered the themes of program growth or elimination and efficiencies through technology, shared services, training, and operational exigence.

Real Estate Matters

No real estate matters were considered.

Litigation Matters

A matter under investigation was reviewed. The matter dealt with alleged plagiarism and theft in the College of Engineering.

Internal Audit Matters

The Audit, Finance and Investment Committee met with Interim Auditor Kathy Gilmore following their Wednesday committee meeting.
ANNOUNCEMENT OF NEXT STATED MEETING

The next meeting of the Board of Trustees will be on the morning of April 14, 2006 preceded by Committee meetings on the afternoon of April 13.

ADJOURNMENT

The meeting adjourned at 11:40 a.m.

CERTIFICATION OF SECRETARY

Notice of this meeting and its conduct was in accordance with Resolution 1975 – 240 of the Board, which resolution was adopted on November 5, 1975, in accordance with Section 121.22(F) of the Ohio Revised Code and of the State Administration Procedures Act.

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R. Gregory Browning        Alan H. Geiger
Chairman                    Secretary