

# SEAS Faculty and Staff Meeting August 17, 2007

## Agenda

1. Introduction of new faculty and staff
2. Dean's remarks
3. New facilities (Christine Noble)



# Nancy Kern-Manwaring, Assistant Professor, Nursing



- M.S. in nursing with a focus on advance maternal/child nursing from Syracuse University, NY; B.S. in nursing from the University of Iowa; and is a Registered Nurse (RN).
- Nancy has been teaching as a visiting assistant professor in our nursing program since 2006. Prior to coming to Miami University, she was a faculty member in the nursing department at Spalding University, Louisville, KY.

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# Deborah Steverson, Assistant Professor, Nursing

- M.S. in forensic nursing from Xavier University (Cincinnati); B.S. in nursing from the University of South Carolina; and is a Registered Nurse (RN).
- Deborah has been teaching as a visiting assistant professor in our nursing department since 2006. Prior to coming to MU, she was an adjunct instructor at the UC Raymond Walters College, the Nurse Education Director at Summit Behavioral Healthcare in Cincinnati, and a crisis services coordinator/nurse at the Forensic and Mental Health Services in Hamilton, Ohio.





## Amy Weeks, Assistant Professor, Nursing

- M.S. in nursing from Wright State University; B.S. in nursing from the University of Cincinnati; and is a Registered Nurse (RN).
- Amy has been teaching as a visiting assistant professor in our nursing department since 2004. Prior to coming to Miami University, she was on the faculty of the nursing department at the University of Cincinnati and the Christ Hospital School of Nursing.



# Brooke Flinders, Visiting Assistant Professor, Nursing

- A.D. and B.S. in nursing from Miami University!
- M.S. in nursing from the Frontier School of Midwifery and Family Nursing, and is a registered nurse.
- Brooke has been an instructor in our nursing department since fall 2006. Prior to that, she was a staff nurse at Bethesda North Hospital and at the Mercy Franciscan Mt. Airy Mom's Center. She was also the "Welcome Home" Service Coordinator for the Warren County Community Services.

The logo for the School of Engineering & Applied Science (SeSas) features the letters 'SeSas' in a stylized, bold font. The 'e' and 'a' are smaller and positioned between the 'S's. The background of the logo is a white square with a thin black border.

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# John E. Karro, Assistant Professor, Computer Science & Systems Analysis

- Ph.D. and M.S. in computer science, University of Virginia; B.S. in mathematics, College of William and Mary.
- John comes to Miami University from Pennsylvania State University where he was a research associate in bioinformatics.



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# Drew Foster, Course Coordinator & Instructor

- B.S. in systems analysis from Miami University!
- Drew, comes back to his alma mater from Accenture, where he was a senior executive and partner, focusing on infrastructure outsourcing in North America.





# Andrew Sommers, Assistant Professor, Mechanical & Manufacturing Engineering

- Ph.D. and M.S. in mechanical engineering from the University of Illinois at Urbana-Champaign; B.S. in mechanical engineering from Clemson University.
- Prior to coming to Miami University, Andrew was a research assistant and teaching fellow in the Department of Mechanical Science and Engineering at the University of Illinois.





# David J. Scoville

- M.Ed. in curriculum and instruction: computer coordinator; B.S. in comprehensive science education, both from Wright State University
- Dave previous was and Educational Consultant for SOITA; District Technology Coordinator, Lebanon City Schools; and a Science Teacher, Lebanon High School



# Robert Summers, Visiting Professor, Engineering Technology



- Ph.D. from University of Idaho; M.S. from University of Washington; and B.S. from Brigham Young University, all degrees are in electrical engineering.
- Robert will spend his sabbatical year from Weber State University at Middletown campus this fall in the Engineering Technology department (ENT). He is currently professor of electrical and electronics engineering technology at Weber State.



# Ken Werner – PSE Foundation Director



- M.S. from the University of Cincinnati; B.S. from the New Mexico Institute of Technology; both degrees are in chemistry.
- Ken comes to Miami University from DuBois Chemicals, headquartered in Cincinnati, where he was vice president of the marketing group. He began his career in the laboratories of DuBois Chemical, working on formulating specialty chemicals for paper machine applications.



# Dean's remarks

## Outline

1. Highlights of AY 2006-07
2. SEAS objectives for 2006-07
3. Strategic planning process



# Highlights of AY 2006-07 in SEAS

## Program reviews

- Traditional BSN curriculum approved by the Ohio Board of Nursing
- Successful program reviews in CSA and CIT
- Initial accreditation by ABET for BS completion programs in EMET and MET
- Preparations for the upcoming ABET visits in ECE and ENT finalized



# Highlights of AY 2006-07 in SEAS

## Faculty

- Three faculty tenured and promoted (Catherine Almquist, Carolyn Mason, Elizabeth Howard)
- E. Phillips Knox Teaching award (Anna Dollár)
- Promotion to Senior Associate Dean (Christine Noble)
- MUM Outstanding Faculty Academic Advisor (Diane Delisio)



# Highlights of AY 2006-07 in SEAS

## Faculty

- Good year in research, excellent in ECE
- Challenging year in Nursing
- Significant transformation of PCE faculty
- Successful third – fifth year probationary faculty reviews - good progress towards tenure



# SEAS in 2007/08

## Faculty development

Tenure review	# of faculty Oxford	# of faculty MUH, MUM	# of faculty SEAS
2007/08	4	0	4
2008/09	2	2	4
2009/10	7	1	8
2010/11	7	1	8
2011/12	3	2	5
2012/13	1	3	4
Total	24	9	33

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# Highlights of AY 2006-07 in SEAS

## Infrastructure

- Move to new Engineering Building
- Establishment of several new laboratories
- Excellent progress in Benton
- SEAS IT successfully meeting increasing demands

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# Highlights of AY 2006-07 in SEAS

## Curriculum and students

- MS in Computational Science and Engineering
- “Top – 25” grant to revise CSA 141 and implement CSA 148
- Successful dealing with the influx of students in MME while continuing curricular reform
- Several notable accomplishments of our students (awards, competitions)
- New recruitment strategies/events



# Highlights of AY 2006-07 in SEAS

## Other noteworthy events/developments

- Dedication and recognition ceremonies
- Departmental and SEAS governance documents updated
- Re-engagement of the campaign committee
- International Paper Physics conference
- Information Technology forum
- Smooth leadership transition in ENT



# SEAS in 2007/08

- ECE and ENT ABET accreditation visits
- Program reviews in ENT and NSG
- Preparation for ABET accreditation of Chemical Engineering



# SEAS in 2007/08

- Move to Benton Hall
- New labs in EGB
- Dedication of Benton (April 4, 2008)
- Preparations for SEAS 50<sup>th</sup> anniversary in 2009 (April 2-3, 2009)



# SEAS in 2007/08

- Response to consultant's report:  
"Regional Campuses Strategic Assessment"
- Implementation of traditional BSN program and Greentree initiative
- Pre-engineering program in ENT
- Role of service on regional campuses



# SEAS in 2007/08

- Recruitment and student success
- CSE MS program
- ECE and MME Chair Searches
- Curricular initiatives (Software Engineering, EGM – Systems Analysis track)



# Strategic Planning

## Today:

- setting the process in motion
- preliminary thoughts
- invitation to participate

# Strategic Planning

## What it is not:

Tactical, short-term planning  
(Fall 2007 – Spring 2009)

- driven by availability of resources, current recruitment challenges, new building occupancy issues, accreditation demands

# Strategic Planning

Long term (2008-2013)

Transformative

- driven by our current mission, vision, and values, and by the recognition that those guiding statements are not cast in stone but will evolve alongside the planning process
- driven primarily by three notions: that of Quality, that of Synergy, and that of Uniqueness



# Strategic Planning Rationale

- SEAS has undergone a profound transformation, meeting or exceeding nearly all goals established in Fall 2001. Now, six years later, the time has come to identify new directions while solidifying our accomplishments
- External environment has changed profoundly in the last few years (Engineer of 2020 rather than ABET EC 2000)
- Miami is charting new directions and undertaking a strategic budgeting process



# Strategic Planning Goal

Establish a plan by which:

- we enhance “an environment for teaching, learning, and scholarship that is intellectually-stimulating, interactive, and innovative, and in which our faculty, staff, and students realize their full potential” (quality)

# Strategic Planning Goal

Establish a plan by which:

- our school becomes a model for achieving synergy between professional and liberal education; between undergraduate and graduate programs; and among scholarship, teaching, and service (synergy)



# Strategic Planning Goal

Establish a plan by which:

- our school achieves a position that gives us a special place among other schools/colleges of engineering and applied science in the state of Ohio (uniqueness).



# Strategic Planning Steps

## I. Determination of strategic issues

- consistent with SEAS evolving mission and vision and within the framework of:
  - analysis of external and internal environments
  - SWOT analysis



*Target date: November 10, 2007*



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# Strategic Planning Steps

## II. Development of strategic goals

- gap analysis
- benchmarking

*Target date: March 9, 2008*

# Strategic Planning Steps

## III. Development of action plans

- tactics
- timeline
- responsible individuals

*Target date: May 31, 2008*

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# Strategic Planning Participation

- SEAS faculty and staff
- SEAS leadership
- Miami leadership
- Student Advisory Council
- SEAS Advisory Council
- SEAS Alumni



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# Strategic Planning: Regional campuses

“Regional Campuses Strategic Assessment”:  
recommendations most pertinent to SEAS  
departments

- Bachelor of Technical Studies
- Articulation agreements for the new degree
- BSN (plus 2) program online



# Odds and Ends

- SEAS faculty and staff meeting, September 19, 2007, 4:00PM (guest: Provost Herbst)
- Dean's meeting with MUM and MUH faculty and staff: tba
- You'll find this presentation:  
<http://www.eas.muohio.edu/meetings.html>
- Questions?



# Thanks, Christine!



Academic Awards Banquet, March 30, 2007: Dean Dollár and President Hodge present Christine with a certificate of appreciation for being an advocate and liaison for the design and construction of the new SEAS facilities.

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