

April 2006

Becoming the Land Grant University of the 21st Century:

As we have wrapped up our Sesquicentennial celebration, we look ahead to a future that holds both incredible promise and tremendous challenge.

Based on the mission, values, and principles that have emerged from four years of refining our strategic intent, three overarching themes emerge:

- (1) Integration and Collaboration;
- (2) Organizational/Structural Nimbleness and
- (3) Entrepreneurial Activity.



We must be interdisciplinary, multidisciplinary and interdependent by:

- > **Maintaining strong relationships with stakeholders (including government and granting agencies)**— our continued relevance to constituent needs is the only real guarantee we have for our own future.
- > **Greater integration among our programs (CANR + MSUE + MAES) and with partner colleges**— thinking more about the broad swath of programs at MSU that impact communities, agriculture and natural resources.
- > **Greater collaboration with other institutions**—Multi-state linkages (especially with other Great Lakes land grant institutions) and shared programming will help us to continue meeting the needs of our stakeholders through extension and research programs.

Spring Faculty Meeting

Students Are Key Stakeholders



Grandparents University June 29-July 1 The CANR and College of Natural Science

are offering this two-day “summer camp” for children and grandparents to come together and experience unique educational programs. Participants will eat and sleep in the dorms, attend classes across campus and enjoy many other highlights of the MSU campus.

www.ns.msu.edu/alumni/gpu/index.htm

Recruiting and Retention of Students

- Undergraduate student enrollment has increased for FY 05-06— both due to increases in ongoing programs and the addition of students from programs that are newly housed within CANR: Landscape Architecture (152), Interior Design (277) and Dietetics (231) .
- Some programs operate at or near capacity (Packaging, Construction Management) while other have potential for much larger enrollments.
- We are developing greater collaboration with community colleges in the delivery of certificate programs and distance learning.
- Eunice Foster is leading a comprehensive effort to enhance the quality, quantity and diversity of our undergraduate student body.
- We are emphasizing graduate education in our promotion and tenure process.
- MAES has redirected multi-state funds toward graduate student support.

CANR is tops in minority degree recipients

Diverse magazine’s annual survey, “Top 100 Degree Producers,” ranks MSU No. 1 for the number of baccalaureate degrees we grant to African-American students in agriculture, agriculture operations and related sciences. In addition, the CANR ranks No. 8 for Asian undergraduate degrees granted, No. 11 for Hispanics and No. 6 in total minority undergraduate degree recipients.

ANR Programs Receive Strong University Support

New Faculty Members

The CANR, MAES & MSUE have made progress in filling a number of critically needed positions. New faculty and Extension positions since January 2005 include:

- **Joseph Arvai**,
Assistant Professor of
Environmental Risk, Environmental
Science & Policy Program, CARRS
- **Anthony Cognato***
Entomology
- **Brad Day**,
Assistant Professor, Plant
Pathogens, Plant Pathology
- **Elizabeth Franz**,
Extension Educator, SW Mich.
- **Ronald Gehl**,
Assistant Professor,
Crop & Soil Sciences
- **Andrew Hayes**,
Extension Educator, North Mich.
- **Hui Li**,
Assistant Professor, Crop and Soil
Sciences
- **Lori Marx**,
Extension Educator, SE Mich.
- **Betty Nash**,
Extension Educator, SW Mich.
- **Pascal Nzokou** ,
Assistant Professor—Christmas
Trees & Land Owners, Forestry
- **Laura Pederson**,
Extension Educator, UP Mich.
- **Karen Plaut**,
Chair, Department of Animal
Science
- **Steven Pueppke**,
Director, Michigan Agricultural
Experiment Station
- **Jennifer Rivera***
Communities, Agriculture,
Recreation & Resource Studies
(CARRS)
- **Steven Safferman**,
Associate Professor, Biosystems &
Agricultural Engineering
- **Eric Scorsone**,
Extension Specialist
- **Glynn Tonsor,***
Agricultural Economics
- **Ryan Warner**,
Assistant Professor of Floriculture,
Horticulture

Three additional new faculty members have accepted positions in the CARRS Department, for whom paperwork has not yet been completed.

* *Newly hired, not yet on campus.*

39 Additional New Faculty and Staff Positions

In addition to the new faculty members named at left and the positions noted below that will be funded through Quality Fund support, searchers for tenure-stream faculty members or specialists are in progress or approved for an additional 39 positions in the CANR and MSUE.

Quality Fund

The Quality Fund, instituted by Provost Wilcox and President Simon, works to enhance student experience through opportunities in academic, research, outreach and international programs.

ANR programs were successful in obtaining Quality Fund support in six areas, totaling more than \$1.2 million in recurring funding + more than \$1 million in non-recurring funds. This includes funding for 19.5 FTE faculty positions.

Name	Collaborating Colleges	Faculty or Specialist Positions
Sustainable Agriculture and Food Systems	SSC & CNS	4
Global Agrifood Systems Development	SSC & ISP	5
Packaging	ISP	2
Bio-energy	EGR	4
Fish and Wildlife Disease Ecology & Conservation Medicine	CVM	2
"Food & Health" and the Bio-economy have been identified for Quality Fund investment pending additional planning.		

Leadership with joint responsibilities & funding

- **Steve Pueppke**, Director, Michigan Agricultural Experiment Station and MSU Vice President for Research and Graduate Studies since Jan. 2006; recently named Director of the MSU Office of Bio-based Technologies and appointed to the USDA Advisory Committee on Biotechnology and 21st Century Agriculture
- **Tom Coon**, Director MSU Extension
- **Eunice Foster**, Assoc. Dean for Undergraduate & Certificate Programs and heading Office of Diversity and Pluralism (as national search is undertaken)
- **Doug Buhler**, Assoc. Director, MAES & Assoc. Dean CANR
- **Frank Fear**, Acting Senior Assoc. Dean CANR (as national search is undertaken)

Other Recent Appointments:

- **Kay Gross**, Director, Kellogg Biological Station
- **Jim Kells**, Acting Chair, Crop & Soil Sciences
- **Mike Kovacic**, Director, Stakeholder Relations
- **Sheryl Lamarand**, Chief of Staff, CANR
- **Gale Strasburg**, Chair, Food Science and Human Nutrition
- **Robert von Bernuth**, Director, School of Planning, Design & Construction
- **Scott Witter**, Chair, CARRS

Current National Searches:

- Senior Associate Dean
- Associate Dean and Director of Diversity, Pluralism and Professional Development
- Guyer/Seevers Chair in Natural Resource Conservation
- David & Betty Morris Chair in Local and County Government
- Director of Environmental Stewardship
- MSUE Associate Director for Operations
- MSUE Associate Director for Programs
- Department of Crop and Soil Sciences Chair

Examples of Interdisciplinary, Multidisciplinary and Interdependent Programs:



Great Lakes Leadership Academy

• The Great Lakes Leadership Academy (GLLA) will offer leadership training for communities, agriculture, natural resources, environment and manufacturing sectors of Michigan.

- Made possible with development and start-up grants from W.K. Kellogg Foundation
- Joint with Broad College of Business, CANR & MSUE
- Under direction of Mike Kovacic, Director of Stakeholder Relations
- Recruiting participants for two tracks –
 - Skills Development Program (first developed in Dept. of Fisheries & Wildlife) 3 4-day sessions in 12 months for emerging leaders
 - Leadership Advancement Program 2-year program for seasoned leaders
 - www.GLLA.msu.edu

Product Center

For calendar year 2005, the Product Center for Agriculture and Natural Resources reported:

- 694 total contacts, 149 direct consulting interactions
- Of those, 40 new business/product launches
- Product Center educational programs in *Innovation and Entrepreneurship* and *The Road to Independence* drew 522 participants, many of whom later requested counseling services from the Center.

AgEconSERVE

AgEconSERVE, a new group that is complementary to the Product Center, was established with a mission to provide a gateway to expertise in applied economics research and supporting outreach, to maintain essential supporting data and model bases, and to make results widely available to stakeholders in Michigan. The Center conducts research based on requests from stakeholders and will assist university researchers in assessing the impact of research activities. For more information contact: Dr. Roy Black 517-353-9649 blackj@msu.edu.

Center for Advancing Microbial Risk Assessment (CAMRA)

- Led by Joan Rose.
- \$10 million grant from EPA & Department of Homeland Security to establish national center to keep water safe from bioattacks.
- Multi-university collaboration will build a national network for assessing microbial risk.

Greater Urban Collaboration

- MSUE is evaluating its efforts in urban areas
- Office of Vice President for Research and Graduate Studies has instituted the Family Research Initiative – a university-wide entity that supports and facilitates a broad range of scholarly work on families.
- Detroit Eastern Market Community Project

\$2 Million Grant from NIH & NSF

Entomology Chair Richard Merritt and collaborators from DePauw University are investigating possible link between biting aquatic insects, water quality and transmission of Buruli ulcer—a tropical skin disease that wreaks physical and social mayhem on children in developing countries.

Ongoing Collaborative Programs

- **MSUE & MAES:** Educators and researchers across the state work to mobilize their strong networks to face challenges from invasive species like emerald ash borer, and proactively look to protect our managed and natural resources from potential threats like soybean rust, chronic wasting disease and avian influenza.
- **Kellogg Chair in Food, Agricultural and Community Ethics:** www.msu.edu/~phl/faculty/thompson.htm
- **Sustainable Michigan Endowed Project:** <http://smep.msu.edu/aboutus.asp>
- **Environmental Science & Policy Program:** www.environment.msu.edu
- **Land Policy Program**—renamed Land Policy Institute (LPI) www.landpolicy.msu.edu. Last year, LPI received a Kellogg Foundation grant of \$5.9 M over 3 years to support land use policy research, education and innovation. In addition, the Planning and Zoning Center, under the direction of Mark Wycoff, has moved on campus as part of the LPI and MSU Extension.

The Emerging Bio-economy

- By encouraging investment in bio-based industries, ranging from the production of biofuels to the development of plant-based plastics, there is tremendous potential benefit to the rural communities that produce these renewable resources.
- MSU President Lou Anna Simon and Governor Granholm are expected to attend the national bio-economic conference in Chicago next month to encourage bio-based industries to invest in research and development in Michigan and at Michigan State.
- Steve Pueppke is leading MSU's efforts as Director of the MSU Office of Bio-based Technologies.

We are working across departments, disciplines, colleges and even institutions to meet stakeholder needs.

Spring Faculty Meeting ❖ April 2006

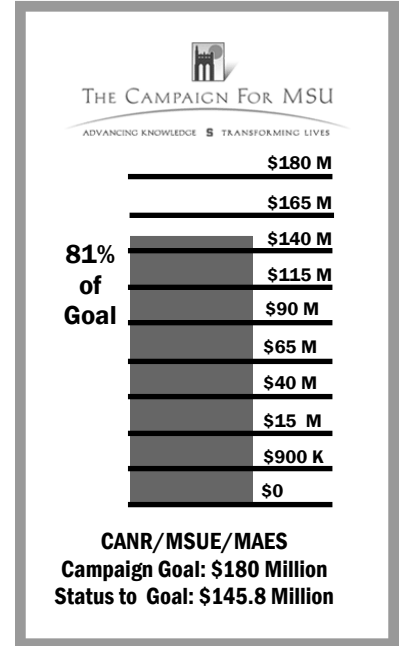
We must ensure that we have the resources to fulfill our mission

Legislative Issues

MSU will increasingly become an institution of "targeted and tailored" state and federal support. This is a major shift away from being "state and federally supported." We must adapt to this new reality.

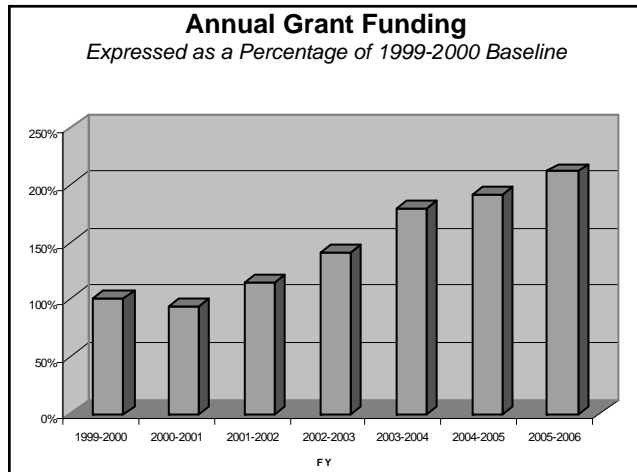
- Following 6 years of reduced state support, we anticipate 2% increase in the general fund budget.
- We continue to work with state legislators on the budget process—working to ensure MAES & MSUE are treated the same as the general fund.
- Federal budget support continues to erode.
- The proposed FY06 budget sought to phase out Hatch, McIntire-Stennis and Animal Health and Disease formula funds in FY06 or FY07.
- Create 21—Core group of land grant institutions developing proposals for alternative organizational and funding solutions.

Capital campaign success



Grant activity success

Grant activity has increased more than 10% almost every year since 2001.



- MSU is closing in on its \$1.2 billion goal
- CANR/MSUE/MAES are at 81% of \$180 million goal.
- We lead MSU in dollars less in-kind gifts.
- We lead MSU in endowment dollars raised – money that directly supports teaching, research and outreach programs. (e.g. endowed Guyer/Seevers and Morris Chairs.)

Contact Us:

Tom Coon
 Director
 Michigan State University
 Extension
 108 Agriculture Hall
 Phone: (517) 353-3373
 E-mail: coontg@msu.edu

Steven Pueppke
 Director
 Michigan Agricultural Experiment
 Station
 109 Agriculture Hall
 Phone: (517) 355-0123 X110
 E-mail: pueppke@msu.edu

Jeffrey Armstrong
 Dean & Professor
 College of Agriculture and Natural
 Resources
 102 Agriculture Hall
 Phone: (517) 355-0232
 Fax: 353-9896
 E-mail: armstroj@msu.edu

Mark Your Calendar

- ANR Alumni Assn. Golfing for Scholarships June 6
- Grandparents University June 29—July 1
- Ag Expo July 18—20
- Homecoming Sept. 30
- AutumnFest Nov. 11