



COASTAL  
INSTITUTE

The Coastal Institute  
Narragansett Bay Campus  
University of Rhode Island  
Narragansett, RI 02882

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**TO:** Dr. Charles Roman  
**FROM:** Dr. Peter August  
**DATE:** January 18, 2002  
**RE:** U Mass Partnership  
**CC:** W. McComb  
N. Psuty  
C. Bolek

I am pleased to report that the University of Maryland Eastern Shore and Rutgers University concur with the University of Rhode Island on approving the request by the University of Massachusetts at Amherst to be added to the NAC CESU team.

rutgers

From: Norbert P. Psuty [psuty@IMCS.rutgers.edu]  
Sent: Thursday, January 10, 2002 4:17 PM  
To: Peter August  
Subject: Re: UMASS and the CESU

Pete:

I have presented the case for adding UMASS to the NA CESU to our administrators and they see no problem in welcoming another quality university to the mix.

So, we are happy to endorse the addition of UMASS Amherst to the core of the North Atlantic CESU.

I presume that means that paperwork on the matter will follow that requires signatures of our administration.

Cheers, NORB

--

Norbert P. Psuty  
Department of Marine and Coastal Sciences  
71 Dudley Road  
Cook College  
Rutgers University  
New Brunswick, New Jersey 08901  
phone: (732) 932-6555, ext. 506/500  
fax: (732) 932-1820

UMES

From: Bolek, Catherine S. [cbolek@mail.umes.edu]  
Sent: Monday, December 17, 2001 4:01 PM  
To: Peter August  
Subject: FW: CESU and U Mass

Hello

I concur with your assessment.

Happy Holidays.

C.Bolek

> -----Original Message-----

> From: Peter August [SMTP:pete@edc.uri.edu]

> Sent: Tuesday, October 09, 2001 5:25 PM

> To: Norbert Psuty

> Cc: Bolek, Catherine S.

> Subject: CESU

>

> Norb:

>

> Rutgers is now a NAC CESU Partner. I will send everyone a copy of

> the

> papers next week.

>

> The NAC CESU coordinator position is now open for any and all

> applicants. See below and spread the word.

>

>

> Pete

>

> =====

>

> BIOLOGIST/ECOLOGIST (RESEARCH COORDINATOR)

> DEPARTMENT OF THE INTERIOR

> NATIONAL PARK SERVICE

> GS-0401-13/14

>

> Vacancy Announcement Number: PHRP-1-120320S0

> Please see [www.USAJobs.opm.gov](http://www.USAJobs.opm.gov) for application instructions

>

> Opening Date: 10/05/2001

> Closing Date: 10/15/2001

> Salary: \$64,301 per year - \$98,782 per year



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**TO:** K. Bolek, UMD Eastern Shore  
N. Psuty, Rutgers

**FROM:** Peter August *PA*

**DATE:** December 11, 2001

**RE:** U Mass Amherst as an NAC CESU Partner

**CC:** C. Roman  
K. Hinga  
M. Foley  
B. McComb

The University of Massachusetts has requested to join the NAC CESU as an academic partner. The review process requires that each of the existing academic partners (URI, U Maryland, Rutgers) consider their request and approve or deny the petition. If all the partners look favorably upon U Mass joining the NAC CESU team, I will ask the CESU main office to add U Mass to the agreement.

U Mass has unique academic strengths to bring to the NAC CESU, especially in the areas of forest ecology, cultural resource management, and landscape planning. They have a long history of working with the coastal parks and have been a proven and effective academic partner with the NPS. In my personal assessment, I think adding U Mass to the NAC CESU would strengthen an already strong core group of academic partners.

Please notify me by mail or email whether you support the addition of U Mass Amherst to the NAC CESU.

Thanks, and best wishes for the Holidays.



UNIVERSITY of  
MASSACHUSETTS  
Goodell Building  
140 Hicks Way  
Amherst, MA 01003-9272

Office of the Vice Chancellor for Research

voice: 413.545.5270

fax: 413.545.3754

December 3, 2001

Dr. Peter August, Director  
Coastal Institute  
University of Rhode Island  
Graduate School of Oceanography  
Narragansett Bay Campus  
Narragansett, RI 02882-1197

Dear Dr. August:

I would like to convey my enthusiasm for establishing a Cooperative Ecosystem Studies Unit (CESU) in this region, and provide herewith our formal letter offering to partner with the University of Rhode Island as host of the CESU for the North Atlantic Coast. UMass-Amherst brings to this partnership a strong history of ecological and sociological research. Ph.D. programs exist in many departments on campus, including Wildlife Biology, Forest Conservation, History, Geosciences, Biology, and many others related to environmental issues. Noteworthy undergraduate educational programs include Wildlife and Fisheries Conservation, Forest Conservation, History, Biology, Environmental Sciences and Civil and Environmental Engineering. UMass-Amherst currently maintains cooperative agreements with state and federal agencies including the USGS, US Forest Service, and U.S Fish and Wildlife Service to facilitate collaborative grants and contracts between university faculty and agency scientists. A number of agency scientists also serve as adjunct faculty members in departments on our campus.

This letter of agreement from UMass-Amherst is to support our partnership with the host university, the University of Rhode Island, and details the terms as established by this CESU for the North Atlantic Coast.

As a Partner Institution we agree to:

1. Conduct, with participating Federal Agencies and the University of Rhode Island, a program of research, technical assistance, and education related to the North Atlantic Coast CESU objectives;
2. Offer educational and training opportunities to participating Federal Agency employees, as appropriate;

3. Encourage students and employees to participate in the activities of the CESU; and

4. Charge no more than 15% indirect cost rate to pay for work covered by the CESU North Atlantic Coast.

We are very excited about working with the University of Rhode Island and our federal cooperators on significant research work in the North Atlantic Coast CESU in the coming years.

Sincerely,

A handwritten signature in blue ink that reads "F.W. Byron".

Frederick W. Byron, Jr.  
Vice Chancellor

**1. Contact person from UMass-Amherst with primary CESU administrative responsibilities:**

Bill McComb, Department Head  
Natural Resources Conservation  
UMass-Amherst  
Amherst, MA 01003  
Ph: 413-545-2665  
FAX: 413-545-4358  
Email: [bmccomb@forwild.umass.edu](mailto:bmccomb@forwild.umass.edu)  
Web: <http://www.umass.edu/forwild/>

**2. Role and Mission Statements of Academic Departments participating in the CESU:**

**Natural Resources Conservation (NRC)**

*Mission:* The Department of Natural Resources Conservation will promote the stewardship of healthy and sustainable ecosystems that provide diverse human and community benefits. Our teaching, research, and public service will fulfill this mission by emphasizing conservation and integrated natural resources management. By virtue of this mission and our breadth of expertise, the department is uniquely qualified to provide an integrated environmental education, research results to professionals, and vital service to society in response to environmental problems and issues.

*Role:* To further our mission we have identified three areas of emphasis for the department that can contribute to the CESU: Human Interactions with Resource Conservation, Ecosystem Science and Management, and Plant and Animal Ecology and Conservation. We bring interdisciplinary groups of students, faculty, and resource professionals into classes, research projects and continuing education functions to address contemporary resource management issues.

NRC hosts a number of cooperative agreements between the Department and State and Federal agencies. For example, three Federal agencies are located on campus and interact with the Department, enhancing opportunities for graduate student education and management-related research:

- (1) the Massachusetts Cooperative Fish and Wildlife Research Unit [MaCFWRU] which is jointly sponsored by the National Biological Service, the University of Massachusetts, the Massachusetts Division of Marine Fisheries, Massachusetts Division of Fisheries and Wildlife, and the Wildlife Management Institute;
- (2) the Cooperative Marine Education and Research Program [CMER] which is a joint venture between the National Oceanographic and Atmospheric Administration's National Marine Fisheries Service and the University of Massachusetts;
- (3) the USDA Forest Service, which sponsors a laboratory of the Northeastern Forest Experiment Station as well as The Northeast

Center for Urban and Community Forestry, and the Watershed Exchange and Technology Center.

## **History**

*Mission:* The department offers undergraduate and graduate students the opportunity to study with nationally recognized scholars in programs leading to the B.A., M.A. (including public history concentration), and Ph.D. degrees. It also regularly holds colloquia and lectures and conducts in-service training for K-12 teachers through its History Institute.

*Role:* The History Department, in particular the department's Public History Program, which has both museum studies and historical preservation components, can play a role in the CESU with regard to Cultural History.

## **Anthropology**

*Mission:* Anthropology is the study of people. Such a grand mission implies that we encroach on the territory of many other disciplines, but what is distinct about anthropology is our emphasis on holism, comparison, and compassion. Holism involves treating humankind from multiple perspectives: biological, historical, cultural, and political. Comparison means that our claims about humankind are based on a method of comparison of different populations in different geographic and temporal settings. There are four subdivisions of anthropology that reflect our mission: archaeology, cultural or social anthropology, linguistic anthropology, and biological anthropology.

*Role:* The Anthropology Department is primarily involved through its Archaeological Services and through research into sustainability of cultures. For example, the Yucatan project is an example of a relatively recent endeavor where two faculty members and some graduate students have been studying the cultural and physiological effects of tourist development in the fragile ecosystem of Mexico's Yucatan Peninsula. Our European program on the other hand has been successfully sending faculty, graduate and undergraduate students to conduct field work from the Azores and Ireland to Transylvania and Slovakia and many points in-between. Closer to home, the Summer Field School in Archaeology examines material culture and provides a strong practical, methodological, and theoretical foundation for New England's past.

University of Massachusetts Archaeological Services, Forensic Anthropology Services, cooperative projects with nearby Historic Deerfield and other regional museums and educational institutions. University of Massachusetts Archaeological Services (UMAS) provides archaeological outreach to public and private organizations on a contract basis. While not formally part of the department's graduate program, UMAS employs many



of our graduate students in contract research throughout the year. Many of our current students in archaeology have worked with UMAS, gaining valuable practical experience which they have incorporated in their training programs.

Our graduate program for 85 graduate students offers both the MA and the PhD degrees in programs that are individually tailored to each student's career objectives. The MA degree builds a strong but broad foundation in anthropology culminating in a master's paper or thesis. The PhD program requires an intensive development of research and scholarly competence culminating in original research represented in the PhD dissertation.

### **Landscape Architecture and Regional Planning**

*Mission:* Landscape Architecture and Regional Planning (LARP) focuses teaching, research and outreach in five areas of emphasis.

- Application of Information Technology in Planning and Design
- Cultural Landscape Design and Management
- Ecological Landscape Planning and Design
- Planning for Growth and Economic Development in Regions
- Urban Planning and Design

*Role:* LARP hosts three Centers: Center for Economic Development, Center for Rural Massachusetts, and the Urban Places Project.

The Department continues to be extremely active and accomplished in the area of service/outreach. LARP is involved in leadership capacities with professional associations, journal boards, and accreditation and peer review panels. Perhaps our most significant achievements in this area are our professional outreach efforts. In this past year alone, we have provided outreach to over 40 communities and public agencies. Also of particular note is the receipt of the CFNR, UMass Amherst, and President's Office Award of Excellence in Outreach to the Department's Center for Economic Development, directed by John Mullin. Our latest addition in outreach is the Citizen Planner Training Collaborative led by Gisela Walker. This year 559 local officials from 186 communities participated in land use and planning related training programs with the CPTC.

### **Art**

The Art Department, particularly the Architectural Studies program is forming an Architecture program in collaboration with faculty from Engineering, Natural Resources Conservation, and LARP. The Design

program is a fully accredited FIDER program (Foundation for Inter Design Education Research) leading to the qualification for the national licensing exam (NCIDQ). Two options are provided within the Design Area: the concentration in Interior Design, for the student who plans to enter into the profession after graduation and the concentration in Architectural Studies, for the student who plans to prepare for entry into a graduate program in architecture.

3. **The Role of UMass-Amherst in the GLNF CESU.** UMass Department of Natural Resources Conservation can bring research expertise, graduate training, and continuing education opportunities to the Great Lakes/Northern Forest CESU in four primary areas:

- (1) *Ecosystem Science and Management.* The focus of this area is to understand the complexity, organization, and dynamic processes that define ecosystems, including social systems, and develop multidisciplinary approaches for managing ecosystems to maintain ecological integrity and human benefits. Sustainable management of forests, freshwater, and estuarine ecosystems, all of which are interconnected at the regional scale, is critical to sustaining human and ecological health and well being. We are capable of providing information to CESU agencies through the Resource Mapping group that has provided aerial photo interpretation and GIS data for a variety of projects as well as the USDA Forest Service Watershed Exchange and Technology Center and the Northeast Wildlife Habitat Research Unit of the US Forest Service. Faculty from the Department of NRC, Landscape Architecture and Regional Planning, Resource Economics, Plant and Soil Science, Geosciences, and Civil and Environmental Engineering contribute to this area.
- (2) *Cultural Values and Historic Preservation.* Several departments at UMass can bring expertise to issues of identification, protection, and restoration of cultural and historic sites. In the northeastern U.S. and Great Lakes Region, which has a long history of both indigenous cultures as well as recent cultures from Europe, many management issues include and often focus on cultural values. Departments with expertise and experience in this area include History, Art, LARP, and NRC.
- (3) *Human Interactions with Resource Conservation:* The focus of this area is to develop and understand human and natural resources relationships from a systems perspective including social, political, economic, and biophysical components. Economic, biological and physical demands imposed by urban development and associated sprawl require system-based solutions forged by interdisciplinary cooperation. The USDA Forest Service Urban and Community Forestry Center and the Woody Plant Diagnostic Lab contribute additional research, outreach and teaching in this area. Departments

contributing to this area include: NRC, Landscape Architecture and Regional Planning, Entomology, Microbiology, Plant and Soil Sciences, Art, History, Civil and Environmental Engineering, Geosciences, and Resource Economics. Coordinated information that can assist urban planners to meet human needs while maintaining environmental quality can have long-term impacts on the economy and environmental health of the Great Lakes and Northern Forests Ecosystems.

(4) *Plant and Animal Ecology and Conservation*. The focus of this area of emphasis is to understand the patterns and processes within and among human, plant and animal populations in order to achieve conservation and management objectives. The understanding of patterns and processes within and among plant and animal populations is critical to making wise management decisions. We have a long history of expertise in plant and animal biology. In addition to state-funded faculty, we also host the Massachusetts Cooperative Fish and Wildlife Research Unit with three faculty lines supported by the USGS Biological Resources Division. Faculty from the departments of NRC, Entomology, Biology, and Plant and Soil Science contribute to this area.

4. Letter of support (see attached)

5. **Degrees offered.** The *Department of Natural Resources Conservation* offers undergraduate degrees in Wildlife and Fisheries Conservation, Natural Resource Studies, Forestry, and Building Materials and Wood Technology, and a two-year degree in Arboriculture and Park Management. The department offers graduate degrees in Wildlife and Fisheries Conservation, and Forestry and Wood Technology. Current enrollment is approximately 300 undergraduates and 120 graduate students. The Department offers both M.S. and Ph.D. programs in Wildlife and Fisheries Conservation and in Forestry and Wood Technology. Doctoral degrees are awarded for research, but Master's degrees may have either a research or professional emphasis. Thus, our two Graduate Programs provide a variety of training options for students looking toward a career in conservation and management. There currently are 85 graduate students in Wildlife and Fisheries Conservation and 30 in Forestry and Wood Technology.

The *History* Department offers an MA with concentration in Public History and specialization in Museum Studies and Historic Preservation.

*Landscape Architecture and Regional Planning* offers a Masters in Regional Planning and Masters in Landscape Architecture.

*Anthropology* offers an MA with concentration in Historical Archeology. Art Department has applied for accreditation to offer an Masters in Architecture (M. Arch) degree (an accreditation team will be visiting the campus next month).

There are about 85 graduate students in the Anthropology department at this time.

6. See attached spreadsheet

7. **Facilities and Equipment** that could contribute to CESU research:

- Holdsworth Natural Resources Center with more than 32,000 sq. ft. of teaching, research, and office space; and also classrooms and labs in Herter Hall (History), Machmer Hall (Anthro), Hills-North (LARP), and the Fine Arts Center (Architecture).
- Four University Forests totaling over 2000 acres;
- Urban Forestry Woody Plant Diagnostic Laboratory;
- GIS teaching and research facilities in three buildings;
- Graduate and undergraduate microcomputer laboratory.
- Wood Science testing facilities
- Watershed information Exchange Center
- Laboratory facilities to support research in forest ecology, silviculture, human dimensions of natural resource management, watershed management, fire management, private forest land management, fisheries science, landscape ecology, and wildlife biology.
- An Archeological Laboratory in the basement of Machmer Hall

8. **History of Applied Research:** The Department of NRC has a long history of applied research to meet agency needs, coupled with technology transfer and continuing education for resource professionals. The department receives over \$2.5 million in grants and contracts each year to conduct research. Most of these contracts are with state and federal agencies to address current information needs by resource managers. For example, the department was home to the southern New England Gap project, currently runs over a million dollars worth of grant activity in the area of landscape ecology and watershed management using GIS technologies, and has active grants with the U.S. Forest Service, USGS, NOAA, and EPA.

LARP works closely with National Park Service and other state and federal agencies on design projects, and the Archeological Services currently has a cooperative agreement with the National Park Service.

9. **Evidence of Cooperative Agreements with Federal Agencies:** A number of cooperative agreements exist between the Department of NRC and Federal agencies. Centers from three Federal agencies are located on campus and interact with the Department, enhancing opportunities for graduate student education and management- related research:

- (1) The Massachusetts Cooperative Fish and Wildlife Research Unit [MaCFWRU] which is jointly sponsored by the USGS BRD, the University of Massachusetts, the Massachusetts Division of Marine Fisheries, Massachusetts Division of Fisheries and Wildlife, and the Wildlife Management Institute;

- (2) The Cooperative Marine Education and Research Program [CMER] which is a joint venture between the National Oceanographic and Atmospheric Administration's National Marine Fisheries Service and the University of Massachusetts;
- (3) The USDA Forest Service, which sponsors a laboratory of the Northeastern Forest Experiment Station which specializes in fish and wildlife habitat relationships
- (4) The Northeast Center for Urban and Community Forestry sponsored by the U.S. Forest Service
- (5) The Watershed Exchange and Technology Center sponsored by the US Forest Service

The History Department most recently had a cooperative agreement with the National Park Service in FY 1996 under the "Cultural Resources Training Initiative" for a conference/workshop on "Interpreting the Homes of Artists and Writers" held May 13, 1996.

The NRC Department benefits by interaction with adjunct faculty and other professionals employed by the National Marine Fisheries Service NE Fisheries Science Center in Woods Hole, Mass., the USGS BRD's Conte Anadromous Fish Research Center in Turner's Falls, Mass., the Regional Office of the USDI Fish and Wildlife Service in Hadley, Mass., Mass Division of Fisheries and Wildlife, and Mass Department of Environmental Management, among others.

10. **Services to be provided to Federal Agency partners.** The CESU coordinator for the UMass campus will work with Department Heads of collaborating departments to request from the UMass Graduate School adjunct faculty status to qualified federal scientists to facilitate collaborative research and technology transfer opportunities and graduate training. We will work with agency managers and staff to identify continuing education and technology transfer offerings that would benefit agency personnel. Research conducted on our University forests would be encouraged where research is collaborative with our departmental faculty and consistent with the mission of the forests.

History can provide

- 1) research reports, including (but not limited to) Historic Furnishings Report, Historic Landscape Report, Interpretive Plans, Administrative Histories, Historic Landmark Theme Studies;
- 2) training workshops for staff and public; and
- 3) student interns at both the grad and undergraduate level. These same categories (with some differences in the specific products) would apply for Historic Archeology, LARP, and other social science/humanities departments.

11. **Other commitments.** We already maintain cooperative agreements with the US Forest Service and USGS BRD and will continue honor those agreements.

## Faculty and Staff and Areas of Expertise

(Faculty in italics are adjunct faculty and bolded italics are federal employees)

Name	Department	Expertise
<b>Jack Ahern</b>	Landsc. Arch. Reg. Plan.	Landscape ecology
Paul K. Barten	Nat. Resour. Conserv.	Forestry, hydrology, watershed management
Annaliese Bischoff	Landsc. Arch. Reg. Plan.	Landscape design, history
<b>David V. Bloniarz</b>	Nat. Resour. Conserv.	Urban forestry, landscape planning, urban design
<b>John G. Boreman</b>	Nat. Resour. Conserv.	Fishery science, biology, and management
<b>Robert T. Brooks</b>	Nat. Resour. Conserv.	Wildlife habitat assessment, pond-breeding amphibians
William Burt	Nat. Resour. Conserv.	Marine Aquaculture, coastal resource protection
Dean Cardasis	Landsc. Arch. Reg. Plan.	Contemporary landscape design
Ethan Carr	Landsc. Arch. Reg. Plan.	Cultural landscape management, preservation
Robert D. Childs	Nat. Resour. Conserv.	Urban forestry diagnostic laboratory, entomology
Peggi L. Clouston	Nat. Resour. Conserv.	Wood Mechanics & Engineered Wood Products
David T. Damery	Nat. Resour. Conserv.	Building materials and forest products marketing
Michael Davidson	Landsc. Arch. Reg. Plan.	Salt marsh mitigation
<i>Linda Deegan</i>	Nat. Resour. Conserv.	Marine ecosystem ecology
<b>Richard M. DeGraaf</b>	Nat. Resour. Conserv.	Forest wildlife habitat relationships
<b>Stephen DeStefano</b>	Nat. Resour. Conserv.	Population ecology and habitat relationships
Nicholas T. Dines	Landsc. Arch. Reg. Plan.	Landscape design and construction, computer applications for design
<i>Jan Dizard</i>	Nat. Resour. Conserv.	Human Dimensions of Wildlife
John T. Finn	Nat. Resour. Conserv.	Ecosystems modeling, geographic information systems, digital remote sensing
Paul R. Fiset	Nat. Resour. Conserv.	Wood-frame construction, energy conservation, building materials performance
<i>David Foster</i>	Nat. Resour. Conserv.	Forest Ecology
James H. Fownes	Nat. Resour. Conserv.	Forest ecology and conservation
<b>Kevin D. Friedland</b>	Nat. Resour. Conserv.	Marine Ecology
Todd K. Fuller	Nat. Resour. Conserv.	Forest mammals, population ecology, international wildlife
Daniel H. Gillman	Nat. Resour. Conserv.	Urban forestry diagnostic laboratory, plant pathology
David W. Goodwin	Nat. Resour. Conserv.	GIS, natural resources and land use mapping
Dauid Glassberg	History	Environmental history
Curtice R. Griffin	Nat. Resour. Conserv.	Wetland wildlife ecology and management, biodiversity conservation
Meier Gross	Landsc. Arch. Reg. Plan.	Spatial Analysis, regional economic development
<b>Alexander J. Haro</b>	Nat. Resour. Conserv.	Anadromous Fish Biology
Robin A. Harrington	Nat. Resour. Conserv.	Forest ecology and conservation
R. Bruce Hoadley	Nat. Resour. Conserv.	Wood identification and wood properties
Thomas F. Houston	Nat. Resour. Conserv.	Arboriculture and arboriculture business management

Scott D. Jackson	Nat. Resour. Conserv.	Wetlands, reptiles and amphibians, biodiversity issues
Francis Juanes	Nat. Resour. Conserv.	Fisheries ecology and behavior
Matthew J. Kelly	Nat. Resour. Conserv.	Silviculture and forest ecology
Ray Kinoshita	Art	Architectural Design
David B. Kittredge, Jr.	Nat. Resour. Conserv.	Silviculture, forest management, timber harvesting, outreach to Natural Resource Pro
Donald E. Kroodisma	Nat. Resour. Conserv.	Avian vocalization
<b>Boyd E. Kynard</b>	Nat. Resour. Conserv.	Anadromous fish biology
Joseph S. Larson	Nat. Resour. Conserv.	Functional assessment of freshwater wetlands, wetland policy-local, state, national, a
<b>Ben H. Letcher</b>	Nat. Resour. Conserv.	Fish Population Ecology
Mark S. Lindhult	Landsc. Arch. Reg. Plan.	Landscape design, site planning, computer applications
David K. Loomis	Nat. Resour. Conserv.	Human dimensions of resource management, outdoor recreation
Marilyn Lopes	Nat. Resour. Conserv.	Water Resource Protection, Household Hazardous Waste
Henry T. Lu	Landsc. Arch. Reg. Plan.	Urban design, landscape construction
William P. MacConnell	Nat. Resour. Conserv.	Resource mapping, GIS, forest management
E. Bruce MacDougall	Landsc. Arch. Reg. Plan.	Applications of computers in planning and design
John Martin	Landsc. Arch. Reg. Plan.	Water resource planning, historic preservation
<b>Martha E. Mather</b>	Nat. Resour. Conserv.	Aquatic ecology, fisheries biology
William C. McComb	Nat. Resour. Conserv.	Forest wildlife habitat management at stand and landscape scales
<b>Stephen D. McCormick</b>	Nat. Resour. Conserv.	Fish physiology and aquaculture
Kevin McGarigal	Nat. Resour. Conserv.	Landscape ecology, ecosystem management, wildlife ecology
<b>Patricia L. McGirr</b>	Nat. Resour. Conserv.	Landscape design and construction
Scott M. Melvin	Nat. Resour. Conserv.	Endangered species
Marla Miller	History	Early America, public history, women's history
Emily Monosson	Nat. Resour. Conserv.	Environmental Toxicologist
Mitch Mulholland	Anthropology	Archaeological Services
John Mullin	Landsc. Arch. Reg. Plan.	Economic development
Robert M. Muth	Nat. Resour. Conserv.	Human dimensions of natural resources, natural resource policy, social conflict of nat
Craig Nicolson	Nat. Resour. Conserv.	Simulation and managing natural resources using computer models .
Jessica Neuwirth	Historic Deerfield	Historical archaeology
<b>Keith H. Nislow</b>	Nat. Resour. Conserv.	Fisheries Biologist
Kristen K. Nonwood	Nat. Resour. Conserv.	GIS/Spatial Analysis
<b>Mufeed Odeh</b>	Nat. Resour. Conserv.	Environmental Hydraulics
<b>John Organ</b>	Nat. Resour. Conserv.	Carnivore Ecology; Furbearer Management; Conservation
<b>Ellen J. Pader</b>	Landsc. Arch. Reg. Plan.	City and regional planning
Max Page	History and Art	Modern U.S., urban, architectural, public history
Piotr Parasiwicz	Nat. Resour. Conserv.	Instream Habitat Modeling
William A. Patterson, III	Nat. Resour. Conserv.	Fire management, forest ecology, paleoecology



Donna G. Petersen	Nat. Resour. Conserv.	GIS/Spatial Analysis
Timothy O. Randhir	Nat. Resour. Conserv.	Watershed management, water quality
Michael R. Ross	Nat. Resour. Conserv.	Marine and freshwater fisheries
<b>Rodney A. Rountree</b>	Nat. Resour. Conserv.	Ichthyology and marine biology
Robert Ryan	Landsc. Arch. Reg. Plan.	Open space planning
H. Dennis P. Ryan, III	Nat. Resour. Conserv.	Arboriculture, urban forestry
Laurie Sanders	Nat. Resour. Conserv.	Watershed Outreach, Field Botany, Rare Species Inventory
Paul Sievert	Nat. Resour. Conserv.	Wildlife Conservation
Eileen Sonnenberg	Nat. Resour. Conserv.	K12 Environmental Education
Dana M. Slaymaker	Nat. Resour. Conserv.	Remote Sensing Technologies for Landscape Scale Natural Resources Inventories
<b>Gretchen C. Smith</b>	Nat. Resour. Conserv.	Forest health, ozone biomonitoring
Stephen Smulski	Nat. Resour. Conserv.	Engineered wood composites and wood products
Oriol Pi-Sunyer	Anthropology	Cultural anthropology
R. Brooke Thomas	Anthropology	Biological anthropology/environmental anthropology
<i>Peter D. Vickery</i>	Nat. Resour. Conserv.	Avian ecology
Joseph S. R. Volpe	Landsc. Arch. Reg. Plan.	Landscape design and construction
William Wilcox	Nat. Resour. Conserv.	Water Coastal Resource Protection