

# UNIVERSITY FACULTY SENATE FORMS

## Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

Submitted by:  Nancy M. Targett  phone number  2841

Department:  College of Marine and Earth Studies  email address: [ntargett@udel.edu](mailto:ntargett@udel.edu)

Date:  2-22-09

Action:  Change College Name and Organization

(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

Effective term  09F   
(use format 04F, 05W)

Current degree    
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed change leads to the degree of:    
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

Proposed name:  College of Earth, Ocean, and Environment   
Proposed new name for revised or new major / minor / concentration / academic unit  
(if applicable)

### Revising or Deleting:

Undergraduate major / Concentration:    
(Example: Applied Music – Instrumental degree BMAS)

Undergraduate minor:    
(Example: African Studies, Business Administration, English, Leadership, etc.)

Graduate Program Policy statement change:    
(Must attach your Graduate Program Policy Statement)

Graduate Program of Study:    
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

Graduate minor / concentration:

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through

the Course Challenge list. If there are no new courses enter "None")  
NA

**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education:** <http://www.ugs.udel.edu/gened/>

**Identify other units affected by the proposed changes:**

(Attach permission from the affected units. If no other unit is affected, enter "None")

Individual resolutions were passed by both the College of Marine and Earth Studies and the Department of Geography that affirm the formation of the new college (Attachments 1, 2) Letters of support from the Provost, the Dean of Arts and Sciences, and the Dean of Marine and Earth Studies and the Chair of Geography are attached (Attachments 3, 4, 5, 6).

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

The Department of Geography and the College of Marine and Earth Studies have agreed to form a new college in order to better align our assets. As noted in its resolution, Geography has a long tradition of concern for the Earth's environment with a perspective that seeks to span the nature-culture continuum, and its disciplinary strength is its focus on the interaction of physical and human systems as they are expressed across the Earth's surface at scales from local to global.

Units in the College of Marine and Earth Studies address the complex issues of earth and ocean systems at local, regional and global scales through interdisciplinary research, education, and outreach programs that seek to understand the processes that integrate physical, chemical, biological, geological, and human components of our planet's environments into a unified system.

By bringing these units together into one college, we feel that we will establish a framework and broad unified mission that not only strengthens the individual units but provides a synergy that is expected to heighten external visibility and prominence.

The Department of Geography and the College of Marine and Earth Studies each affirmed their respective interests in forming a new college (Attachments 1, 2; the resolution from Geography passed in Nov 08 and the one from CMES in Dec 08). With these resolutions in hand and the support of the Provost and President, a transition committee was formed and charged with developing recommendations for the new college name, its organization and governance, and its mission. Committee members were:

- Dan Leathers (Geog, Co-Chair of Team)
- Chuck Epifanio (MBSci, Co-Chair of Team)
- Sue McGearry (GEOL)
- George Parsons (MP)
- Chris Sommerfield (OCN)
- John Talley (DGS)
- April Veness (GEOG)
- Dana Veron (POSE)

The committee met frequently in Jan 09 and early Feb 09 and briefed constituents (faculty, Chair, Dean, other aligned units) throughout the process.

On February 9, 2009 at a joint meeting of the faculty from the College of Marine and Earth Studies and the Department of Geography, the transition committee presented its recommendations for discussion (The Power Point presentation is provided as Attachment 7). At that meeting the joint faculty voted on motions about the new college's mission, organization,

and name.

The recommended mission of the new college was unanimously adopted (Motion by Kirwan, second by Madsen). It states: *The mission of the "New College" is to advance understanding of Earth's natural systems and the interactions of humans with the environment through engaged interdisciplinary research, teaching and outreach.*

Regarding organization, the faculty adopted (Motion by Mangone, second by Pizzuto, VOTE: 41-4) the recommendation that the new college be comprised of two departments (Geological Sciences and Geography) and a School (Marine Studies). The School, which will have a director, provides organizational parity with the Departments while maintaining the program level of governance and, most importantly, preserving the multi-disciplinary character of Marine Studies.

In addressing the issue of a name for the new college, the transition committee considered more than 25 options, many submitted by the faculty themselves. Three names were presented at the faculty meeting, with one, *College of Earth, Ocean, and Environment*, designated as the preferred alternative. After considerable discussion, the faculty voted (Motion by Mangone, second by Pizzuto, VOTE: 32-11) to adopt the preferred alternative.

A resolution for consideration by the Faculty Senate that addresses the name change and the organizational change is attached (8).

Ongoing issues related to the new college policies are being considered by a faculty committee. The expected timeline for completion of draft policies is 30 June 2009. The policies will be reviewed and voted on at the Fall 09 college-wide faculty meeting.

**Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

NA

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation.)

Department Chairperson Nancy M. Gargan Date 2-25-09  
Dean of College Nancy M. Gargan Date 2-25-09  
Chairperson, College Curriculum Committee C. G. Gargan Date 2-25-09  
Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_  
Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_  
Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_  
Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_  
Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_  
Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_  
Provost \_\_\_\_\_ Date \_\_\_\_\_  
Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_

# Attachment 1

## Geography Resolution November 2008

**WHEREAS** the University's Path to Prominence has articulated a vision with one of its primary objectives being "the Initiative for the Planet" that will emphasize environmental research and teaching through the creation of a new College; and

**WHEREAS** Geography has a long tradition of concern for the Earth's environment with a perspective that seeks to span the nature-culture continuum, and its disciplinary strength is its focus on the interaction of physical and human systems as they are expressed across the Earth's surface at scales from local to global; and

**WHEREAS** the Geography Department anticipates that the proposed new college will take a holistic approach towards understanding all aspects of Earth's environmental systems in which the department's broad spectrum of undergraduate instruction, graduate instruction and research reflecting both physical and human geography acting collectively can be an important anchor of the new college's mission; and

**WHEREAS** there exists an equal commitment to change and the design of a new college on the part of the faculty of the College of Marine and Earth Studies;

**THEREFORE, BE IT RESOLVED** that the faculty of the Department of Geography agree to join with the College of Marine and Earth Studies and other potential units in the design and formation of a new college and to become an enthusiastic member of that college.

# Attachment 2

## CMES Resolution December 2008

**Recognizing** that the University has embarked on a path to prominence that emphasizes an initiative for the planet that includes the study of the environment (sciences and policy), as found in Geography and Marine and Earth Studies;

**Appreciating** the role that the Department of Geography plays in this area with its undergraduate and graduate curricula with programs in climatology, land surface processes, human geography, and environmental science, and recognizing that, in addition, the Department undertakes advanced research with unique field experiences that is intellectually aligned in both its physical and human dimensions with the College of Marine and Earth Studies;

**Believing** that by joining together the Department of Geography and the College of Marine and Earth Studies, it will be possible to more effectively highlight and enhance the opportunities at the University of Delaware for environmental study and research related to earth, ocean, and atmospheric processes and the human connections between them;

**The Faculty of the College of Marine and Earth Studies** enthusiastically endorses the move to form a college that includes CMES and the Department of Geography.

# Attachment 3

Letter from Provost--Under separate cover

# Attachment 4



COLLEGE OF ARTS AND SCIENCES

OFFICE OF THE DEAN

4 Kent Way  
University of Delaware  
Newark, Delaware 19716  
Ph: 302/831-2793  
Fax: 302/831-6398

**To:** Amy Johnson  
President, Faculty Senate

**From:** Tom Apple  
Dean, College of Arts and Sciences

*Tom Apple*

**Date:** February 25, 2009

**Subject:** Transfer of Geography to the New College of Earth, Ocean and Environment

I wish to express my strong support of the transfer of the Department of Geography from the College of Arts and Sciences to a new College, formed by the merger of Geography with the former College of Marine and Earth Studies. This new college will be perfectly poised to tackle the research challenges of today's environment from both a scientific and societal perspective. It will also educate our next generation of leaders who will deal with the earth and the environment. The transfer of Geography is a clear step along the University of Delaware's Path to Prominence.

# Attachment 5



COLLEGE OF MARINE AND EARTH STUDIES

OFFICE OF THE DEAN

111 Robinson Hall  
University of Delaware  
Newark, Delaware 19716-3501 U.S.A.  
Ph: 302/831-2841  
Fax: 302/831-4389  
E-Mail: [ntargett@udel.edu](mailto:ntargett@udel.edu)  
URL: <http://www.ocean.udel.edu>

**To:** Amy Johnson  
President, Faculty Senate

**From:** Nancy M. Targett  
Dean, College of Marine and Earth Studies

A handwritten signature in black ink that reads "Nancy M. Targett".

**Date:** 22 February 2009

**Subject:** Formation of the College of Earth, Ocean and Environment

I write to support the initiative of the Department of Geography and CMES to join together to form a new college, one that will consider not only the science of earth and ocean systems but the context of these systems in terms of societal needs and human interactions.

### *Expected Outcomes and Alignment with the UD Strategic Plan*

The proposed new college aligns well with the vision articulated in the UD Path to Prominence. It puts UD in the vanguard of emerging University programs that cluster units that share expertise in policy, science, and the human environment. In doing so, it more effectively highlights the already strong foundation that UD has in the area of earth and ocean studies to its external constituencies.

### *Resources*

As it is proposed, the new college can be constituted without the need for additional resources. The expectation is that we will be able to leverage the opportunities that arise from this change to develop additional extramurally funded research programs and to develop innovative undergraduate and graduate degree programs.



# Attachment 6

## Email from Brian Hanson

From: Brian Hanson [<mailto:hanson@UDeI.Edu>]  
Sent: Tuesday, November 25, 2008 2:17 PM  
To: Daniel Rich; Tom Apple; Nancy Targett; George H. Watson  
Cc: faculty@socrates.geog.udel.edu  
Subject: Geography Department resolution regarding a new college

In response to the faculty meeting of October 23, the Geography Department faculty has spent two weeks in informal discussion, followed by two weeks of constructing and discussing a resolution to form a new college, followed by a voting period. I have delayed reporting on this resolution until all members of the Geography faculty with primary appointments in this department (12 tenure-track and 1 research appointment) could vote and express their opinions. As of yesterday, I have heard from everyone.

The members of the Geography faculty have each agreed to support the resolution shown below, and the willingness to be an "enthusiastic member" of the new college is genuine. Given that we are not clear about the path to this new college, nor about the process by which it will be constructed, nor the final shape of the new college, this resolution represents an act of faith on our part. We hope that all of you will recognize that fact, work as hard as we do at justifying that faith, and help this become the opportunity we envision in the resolution.

Brian

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WHEREAS the University's Path to Prominence has articulated a vision with one of its primary objectives being "the Initiative for the Planet" that will emphasize environmental research and teaching through the creation of a new College;

and

WHEREAS Geography has a long tradition of concern for the Earth's environment with a perspective that seeks to span the nature-culture continuum, and its disciplinary strength is its focus on the interaction of physical and human systems as they are expressed across the Earth's surface at scales from local to global;

and

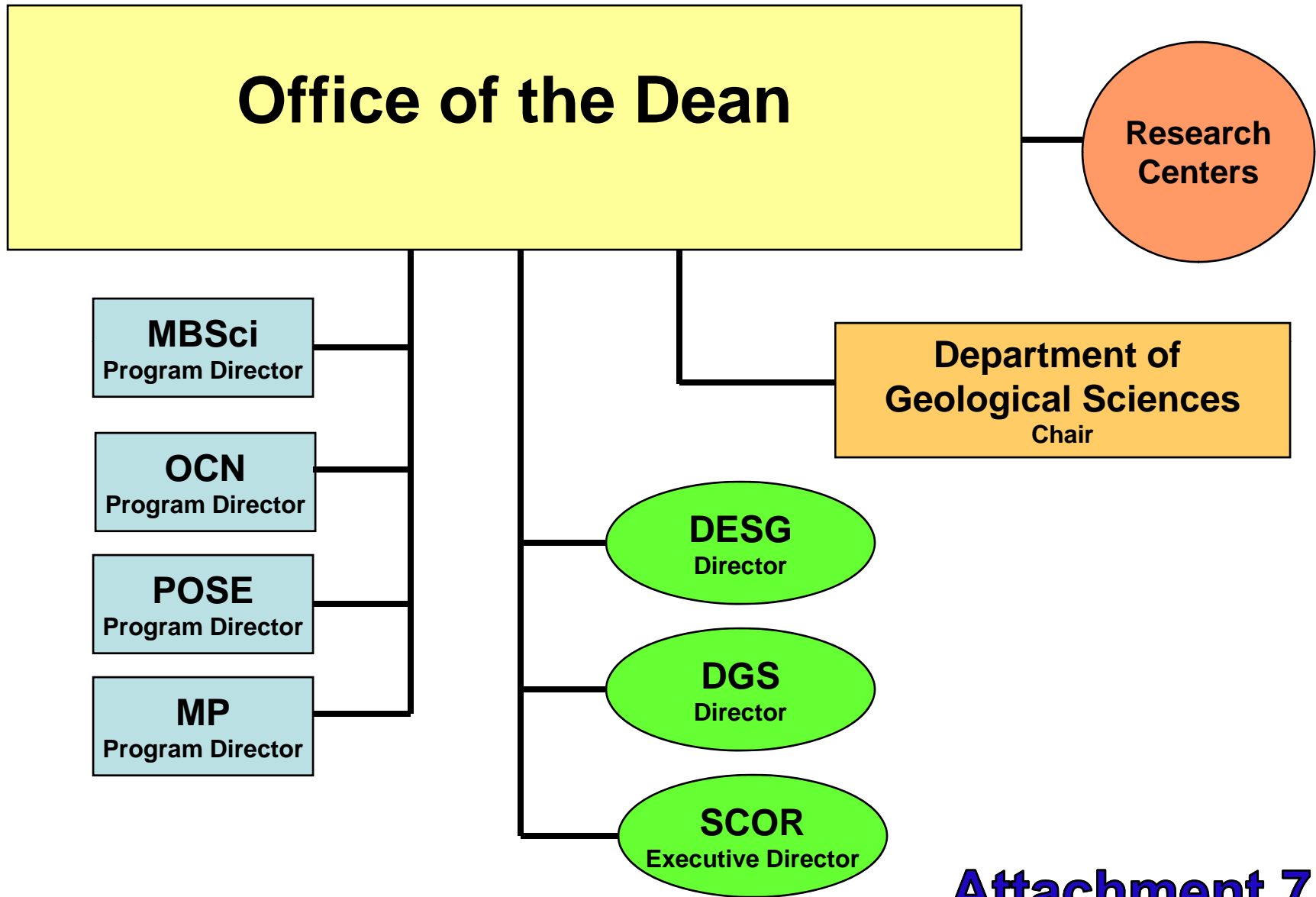
WHEREAS the Geography Department anticipates that the proposed new college will take a holistic approach towards understanding all aspects of Earth's environmental systems in which the department's broad spectrum of undergraduate instruction, graduate instruction and research reflecting both physical and human geography acting collectively can be an important anchor of the new college's mission;

and

WHEREAS there exists an equal commitment to change and the design of a new college on the part of the faculty of the College of Marine and Earth Studies;

THEREFORE, BE IT RESOLVED that the faculty of the Department of Geography agree to join with the College of Marine and Earth Studies and other potential units in the design and formation of a new college and to become an enthusiastic member of that college.

# Present Organization of CMES



# Transition Team

- Composition
  - Dan Leathers (Geog, Co-Chair of Team)
  - Epi (MBSci, Co-Chair of Team)
  - Sue McGearry (Geol)
  - George Parsons (MP)
  - Chris Sommerfield (OCN)
  - John Talley (DGS)
  - April Veness (Geog)
  - Dana Veron (POSE)

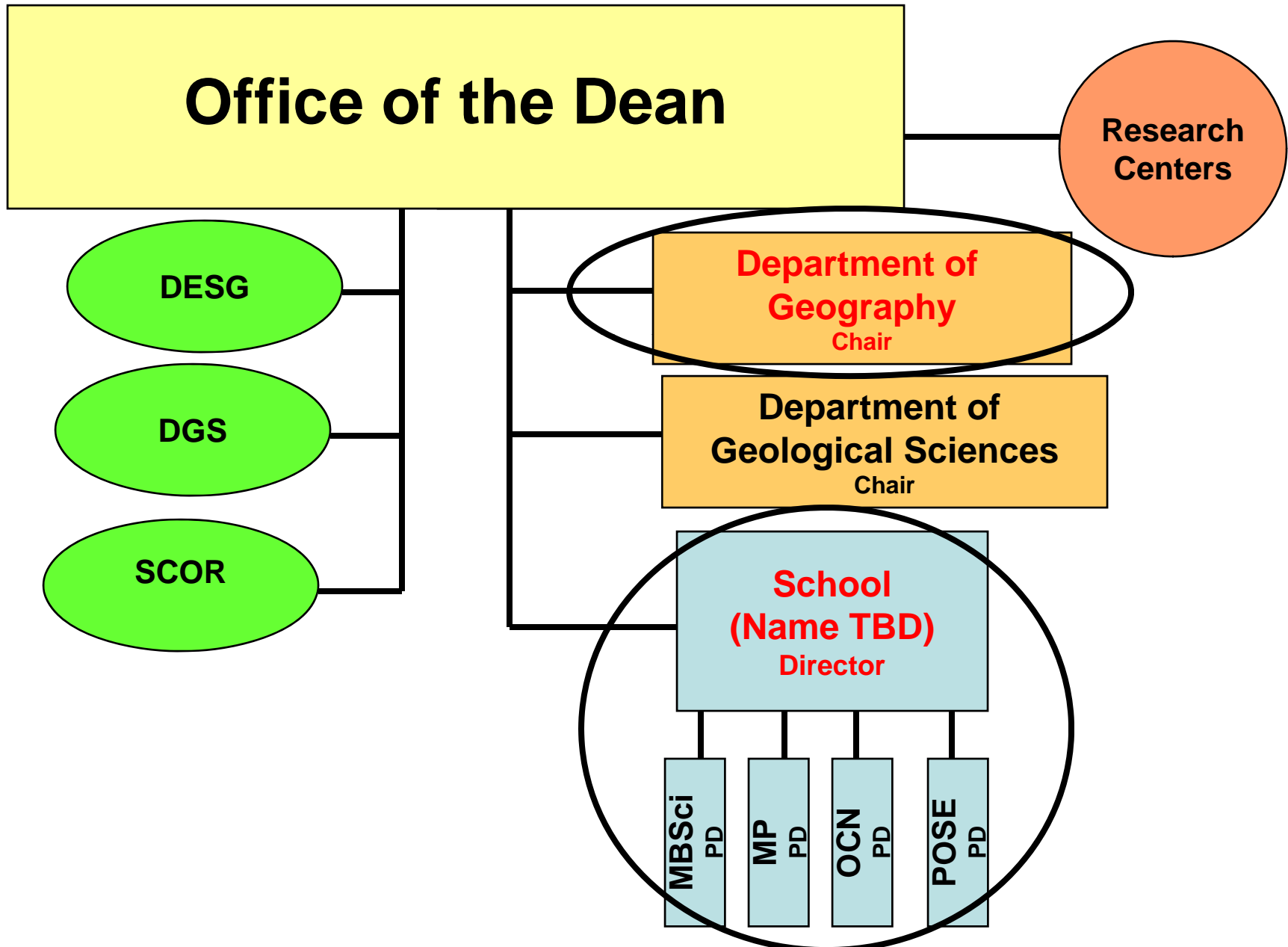
# Transition Team

- **Tasks**
  - Organization
  - Governance
  - Name
  - Mission
- **Tactics (Jan 8 – Feb 5)**
  - Team meetings
    - Weekly 2-h meetings
    - Weekly spill-over day
  - Constituent briefings
    - Program faculties
    - Department faculties
  - Dean briefings

# Task 1: *Organization*

- Non-academic units: no change
- Academic units
  - Discussed 4 scenarios
    - Entirely non-departmental (too radical for time frame)
    - Entirely departmental (loses program-level governance & identity)
    - Two schools (loses department-level governance & identity)
    - Two departments and one school

# Recommended New College



# Task 2: *Academic Governance*

- Departments
  - No change in internal governance structures
  - No change in role of department chair
- School
  - No change in role of program directors
  - Role of school director
    - Academic administration at school level
    - Budgetary responsibility for new school
    - Performance appraisal of school faculty
    - Salary recommendation for school faculty
    - Formal input for P&T decisions

# Why a School?

Why Not a Department?

- Preserves program-level governance
  - Provides disciplinary rigor
    - Program-level control of disciplinary curricula
    - Program-level control of instructional work load
    - Program-level of degree requirements
  - Maintains multi-disciplinary character
    - Fluidity of student advisement
    - Fluidity of teaching opportunity
    - Fluidity of course access



# *Academic Governance*

## Historical Perspective: *CMES Programs vs New School*

### **CMES Programs**

- **Faculty appraisals**
  - Dean
- **Faculty salary rec**
  - Dean
- **Faculty workload**
  - Program Directors →
  - Dean
- **Promotion & Tenure**
  - College Committee →
  - Dean →
  - University Committee →
  - Provost →
  - Trustees

### **New School**

- **Faculty appraisals**
  - School Director
- **Faculty salary rec**
  - School Director
- **Faculty workload**
  - Program Directors →
  - School Director
- **Promotion & Tenure**
  - School Committee →
  - School Director →
  - College Committee →
  - Dean →
  - University Committee →
  - Provost →
  - Trustees

# *Academic Governance*

## *College Departments vs New School*

### ***Departments***

- **Faculty appraisals**
  - Chair
- **Faculty salary rec**
  - Chair
- **Faculty workload**
  - Chair
- **Promotion & Tenure**
  - Department Committee →
  - Department Chair →
  - College Committee →
  - Dean →
  - University Committee →
  - Provost →
  - Trustees

### ***New School***

- **Faculty appraisals**
  - School Director
- **Faculty salary rec**
  - School Director
- **Faculty workload**
  - Program Directors →
  - School Director
- **Promotion & Tenure**
  - School Committee →
  - School Director →
  - College Committee →
  - Dean →
  - University Committee →
  - Provost →
  - Trustees

# Proposed Academic Governance

## *P&T Committees*

- Department P&T Committees
  - No change
- School P&T Committee
  - One representative from each program
- College P&T Committee
  - One representative from each department
  - One representative from school

# Proposed Academic Governance

## Councils

- **Graduate Student Council** (6 members)
  - One from each department
  - One from each program
- **Transitional Academic Council** (next slide)

# Proposed Academic Governance

## Transitional Academic Council

- **What it would do**
  - Deals with College-wide academic issues
  - Responsible for College policy statements
- **Membership** (10 voting, 3 ex officio)
  - Associate/Deputy Dean (chair)
  - Chair of each department
  - At-large representative from each department
  - Director of school
  - Four program directors
  - Assistant Dean for Student Services (ex officio)
  - One student rep (ex officio)
  - Dean (ex-officio)
- **Meeting schedule**
  - Monthly during academic year

# Planning Committee for Council-Level Governance

- **Context:** Provisional Academic Council allows quick start for new College, but probably isn't ideal configuration
  - Too big
  - Mixed representation
- **Task:** To develop other scenarios for council-level governance that may be more appropriate for new College
- **Tactics:**
  - Committee convenes in September, 2009
  - Recommendations presented at spring College faculty meeting in February, 2010

## Task 3: *College Name*

- ~25 names submitted to Team
- Final 3
  - *College of Earth, Ocean, and Atmosphere*
  - *College of Earth and Ocean Sciences*
  - *College of Earth, Ocean, and Environment*
- Consensus recommendation
  - *College of Earth, Ocean, and Environment*  
(CEOE: Pronounced See-O-E)

## Task 4: *Mission Statement*

- Mission statement of CMES
  - The mission of the University of Delaware *College of Marine and Earth Studies* is to advance the knowledge, understanding, and wise use of ocean, earth, and atmospheric resources through programs of interdisciplinary research, outreach, and education in the physical, chemical, biological, geological and social sciences.



# Recommended Mission Statement

- The mission of the University of Delaware College of Earth, Ocean and Environment is to advance our understanding of Earth's natural systems and the interactions of humans with the environment through engaged interdisciplinary research, teaching and outreach.

# Attachment 8

## Resolution to Form the College of Earth, Ocean, and Environment

**Whereas**, the faculty in the College of Marine and Earth Studies and the faculty in the Department of Geography have, respectively, voted to join together to become part of a larger College dedicated to the study of earth, ocean, and atmospheric systems and the human interactions therein, and,

**Whereas**, as part of this re-organization the Marine Studies Programs (Marine BioScience, Marine Policy, Oceanography, and Physical Ocean Science and Engineering) will form a School within the new college, and,

**Whereas**, such a change is supported by the Chair of the Department of Geography, the Dean of the College of Marine and Earth Studies, the Dean of Arts and Sciences, and the Provost,

**Therefore, be it resolved**, that the Faculty Senate recommends the proposed formation of a new college from the merger of the Department of Geography and the College of Marine and Earth Studies to be named the College of Earth, Ocean, and Environment.