

## NDSU Advance FORWARD

**Advancing Faculty  
to Move NDSU Forward**

**Leap Research Grants**

**NDSU**FORWARD  
North Dakota State University, Fargo

Focus On Resources for Women's Advancement, Recruitment/ Retention, and Development

14-May-10

## NSF ADVANCE Institutional Transformation Program

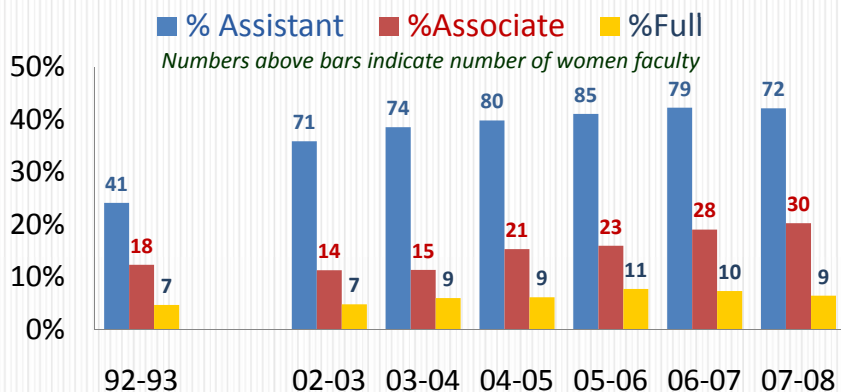
- ❖ Funding for comprehensive and sustainable institutional transformation to increase the representation and advancement of women in academic science, technology, engineering and mathematics (STEM) careers, thereby contributing to the development of a more diverse science and engineering workforce.

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## Percentage of NDSU Women at Rank

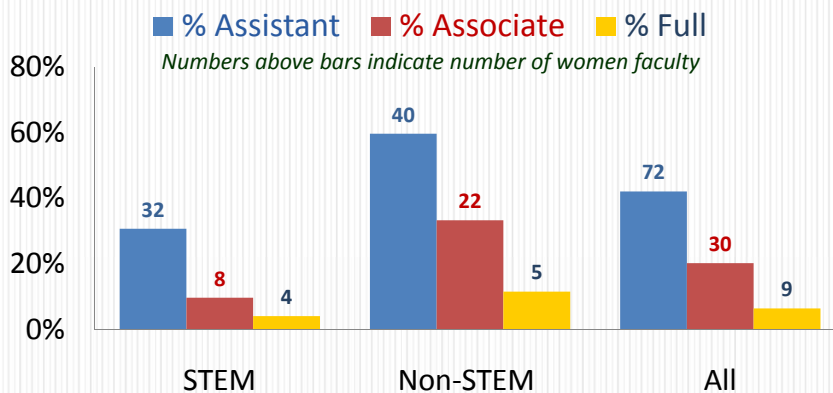


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## Percentage of NDSU Women at Rank 2007-2008

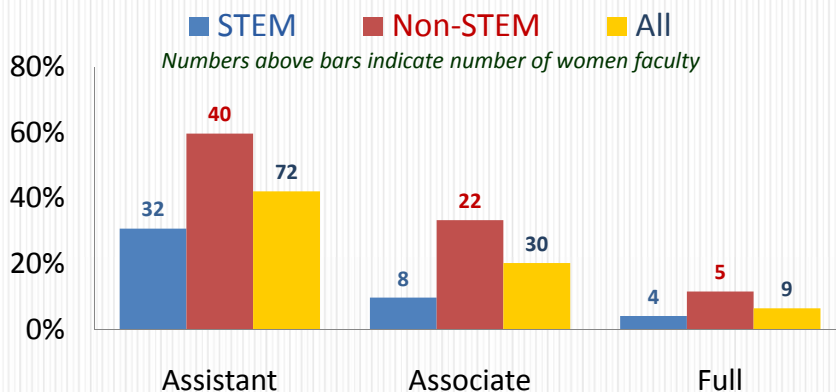


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## Percentage of NDSU Women at Rank 2007-2008



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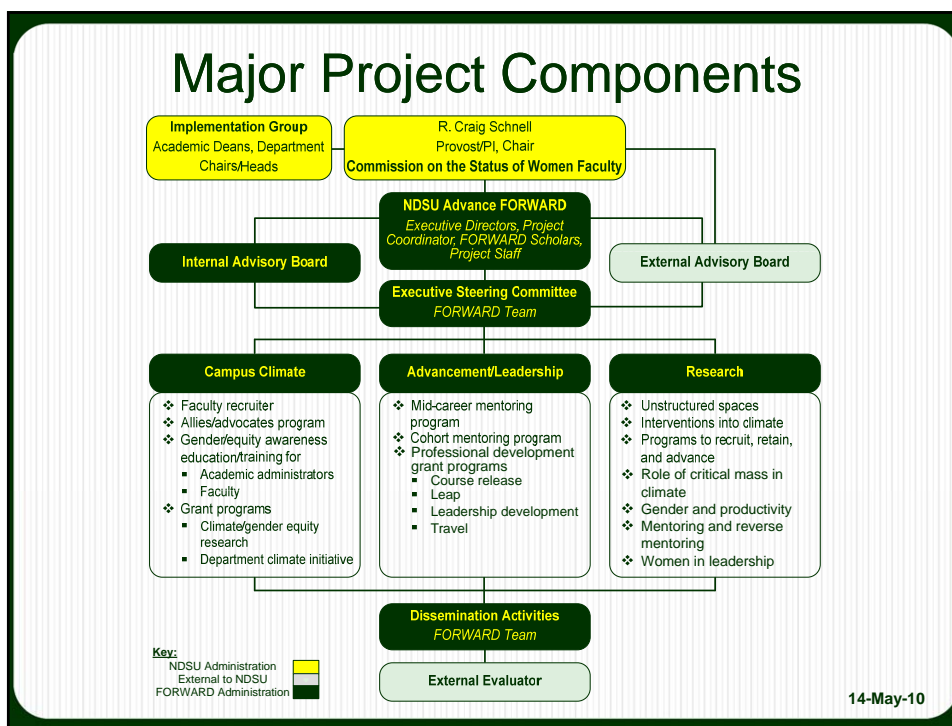
## Advance FORWARD Goals

- ❖ Improve the climate across the campus
- ❖ Enhance recruitment
- ❖ **Increase retention**
- ❖ **Promote/advance** women associate professors and hire women at advanced rank to build a critical mass of senior women
- ❖ Open faculty leadership opportunities

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## Advancement/Leadership: Professional Development

- ❖ Course Release Grants – STEM
- ❖ **Leap Research Grants – STEM**
- ❖ Leadership Development Grants – All
- ❖ Travel Grants – All
- ❖ Climate Research Grants – All
- ❖ Mentoring Programs – All

## Leap Research Grants

- ❖ The Leap Grant provides research grants to seed successful grant proposals.
- ❖ The goal is to help promote the advancement (tenure and promotion) of tenure-track and tenured women faculty in STEM disciplines.

## Eligibility

- ❖ Open to tenure-track or tenured women faculty in STEM disciplines. See NSF list.
- ❖ Priority will be given to Assistant Professors who have received a positive third year review and Associate Professors within two years of promotion to Full Professor.

## Timeline

- ❖ **Proposal deadline:** June 1, 2009
- ❖ **Award announcement:** August 2009
- ❖ **Award period:** One year, all funds must be used by August 31, 2010.

## Budget

- ❖ **Budget cap:** \$30,000
- ❖ **Allowable budget items:** Salary; budget fringe at NDSU level, equipment, supplies, travel, and publication costs. Direct costs only (no overhead).

## Proposal Format

- ❖ Advance FORWARD Leap Grant cover sheet
  - Explain need for Leap funding and how it relates to your advancement and career goals at NDSU.
  - List funding agency(s) and program(s) to which you will submit a proposal. Include target date(s) for submission(s) and estimated budget amount(s).

## Proposal Format

- ❖ Project Description – three pages
- ❖ Budget with justification
  - One page
  - Itemize, describe, and justify each budget item.
  - Use the NDSU budget form
- ❖ References cited
- ❖ Vita – two pages

## Proposal Format

### ❖ Appendices

- Examples of evaluations of progress toward promotion to associate or full professor and/or tenure such as

Copies of annual and/or third year review reports from department and/or college PTE committees, department heads/chairs, and /or college deans.

## Review Process

- ❖ Proposals will be reviewed by external reviewers from other universities.
- ❖ The final decisions for awards will be made by an internal review committee.
- ❖ Reviewer evaluation form is posted on the FORWARD web site.



## Review Criteria

### ❖ Primary Criteria

- Scientific and intellectual merit
- Credentials of the PI and potential for successful promotion and/or tenure of the PI
- Potential for enhancing grantsmanship and increasing journal publication of the PI

### ❖ Secondary Criteria

- Soundness of the budget
- Quality of the proposal

## Obligations

- ❖ Awardees must submit manuscript(s) to peer reviewed journal(s).
- ❖ Awardees must submit a research proposal to a funding agency within 12 months of the end of Leap Grant award.
- ❖ Awardees are expected to participate in program assessment.
- ❖ All scholarship resulting from this award must acknowledge support from the NDSU ADVANCE FORWARD program sponsored by the National Science Foundation, *HRD-0811239*.

## Some Suggestions...

- ❖ *The budget justification is not clear to this reviewer. Which funds are for a capillary XYZ unit?*
- ❖ *Budget explanation provided insufficient detail on how \$14,800 would be spent; \$6,200 for operating fees and \$2,400 for miscellaneous listed in the budget without explanation.*
- ❖ *Budget justification requires more detail than provided. For example, why \$17,400 was requested for subcontracts was not explained. Similarly, \$3,000 was requested for miscellaneous costs without adequate explanation.*

## Some Suggestions...

- ❖ *Four years of funding is requested but I thought this is a 1 year RFP.*
- ❖ *Funding for 3-5 y requested but isn't this a one y grant program?*
- ❖ *It is important to follow the RFP – funding is for one year!*

## Some Suggestions...

- ❖ *Does not meet preferred criterion; no third year review or letter from Department Chair.*
- ❖ *This PI was most senior of all reviewed proposals & seems to be going up for promotion this semester, so use the seed money to help get this PI to the next level seemed a late request in her case. Seems that this PI has just about met the goals for which this ADVANCE funding is intended.*

## Questions?

**Principal Investigator: R. Craig Schnell**—Provost and Vice President of Academic Affairs  
**Project Co-directors: Canan Bilen-Green**—Industrial and Manufacturing Engineering, **Co-PI**  
**Ann Burnett**—Women's Studies, **Co-PI**  
**Elizabeth Birmingham**—English, Campus Climate, **Senior Investigator**  
**Karen Froelich**—Management, Marketing, and Finance, **Senior Investigator**  
**Kalpana Katti**—Civil Engineering, **Senior Investigator**  
**Rhonda Magel**—Statistics, **Co-PI**  
**Kevin McCaul**—Science & Math, **Senior Investigator**  
**Eveadean Myers**—Vice President of Equity, Diversity, and Global Outreach  
**Christine McGeorge**—Child Development & Family Science, **Senior Investigator**  
**Bonnie Neas**—Information Technology, **Senior Investigator**  
**Wendy Reed**—Biology, **Senior Investigator**  
**Donald Schwert**—Center for Science & Mathematics Education, **Senior Investigator**  
**Kay Sizer**—Office of Research, Creative Activities & Technology Transfer  
**Gary Smith**—Engineering & Architecture, **Co-PI**  
**Christina D. Weber**—Sociology, Anthropology & Emergency Management, **Senior Investigator**  
**Charlene Wolf-Hall**—Veterinary and Microbiological Sciences, **Senior Investigator**