



NDSU Advance FORWARD

Advancing Faculty
to Move NDSU Forward

Grant Programs Information Session
October 12, 2012



National Science Foundation #HRD-0811239
September, 2008 – August, 2013

NDSU **FORWARD**



ADVANCE FORWARD Goals

- I. Enhance recruitment
- II. Increase retention
- III. Promote/advance women faculty
- IV. Open faculty leadership opportunities
- V. Improve the climate

NDSU **FORWARD** Focus on Resources for Women's Advancement, Recruitment/Retention and Development

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Grant Programs

- Promote the advancement of tenure-line women faculty
- Major grants involve external reviews and internal committees
- Course release, mentor travel relationship, leadership development, climate/gender equity research, leap lab renovation and research, and mid-career
- Departmental ADVANCE FORWARD award

NDSU **FORWARD** Focus on Resources for Women's Advancement, Recruitment/Retention and Development

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Course Release Grant

- **Application Deadline: November 2, 2012**
— Fall 2013/Spring 2014
- Provides funds for one-semester release from teaching responsibilities
— The goal is to help promote the advancement (tenure and promotion) of women faculty
- Eligibility: Open to **tenure-line** faculty in **STEM disciplines**
— See NSF STEM list

NDSU **FORWARD** Focus on Resources for Women's Advancement, Recruitment/Retention and Development

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Course Release Grant

- Classification as **STEM DISCIPLINE** can be ambiguous; therefore the onus is on the applicant to clearly describe how her discipline is categorized as STEM
- The National Science Foundation's classification of STEM degree programs can be found at <http://www.nsf.gov> and serves as a guide as to which disciplines fall under STEM by NSF standards
<http://www.nsf.gov/statistics/nsf08321/pdf/nsf08321.pdf>

Course Release Grant

- Budget Cap
 - **Cost of teaching replacement** for the applicant
- Priority will be given to
 - **Assistant Professors** who have recently received a third year review
 - **Associate Professors** if two years past their promotion from Assistant Professor to Associate Professor and have at least two years before they intend to apply for promotion to Professor
 - Faculty who were **hired at Associate Professor rank** and have at least two years before they intend to apply for promotion to Professor

Course Release Grant

- Application Format (saved as one PDF file)
 - Course Release Grant Program application form
 - Letter of support from department chair/head
 - Curriculum Vitae
 - A copy of the most recent department level review and a copy of the most recent college level review, if available

Course Release Grant

- NDSU Advance FORWARD Course Release Grant Program **application form**
 - Explain need for Course Release funding and how it relates to advancement and career goals at NDSU
- **Letter of support** from department chair/head
 - Not to exceed two pages
 - Explain how the requested funds will be used to offset costs of teaching replacement for the applicant

Course Release Grant

- **Curriculum Vitae**
 - Not to exceed two pages
 - Grant activity (current, pending, rejected) while at NDSU may be included on additional pages
- A copy of **the most recent department level review** and a copy of **the most recent college level review**, if available
 - If an applicant has not had a review, then one should be requested from the department chair/head to include in the application

Course Release Grant

- Application Submission
 - **Application Deadline: November 2, 2012**
 - Email application materials to ndsuforward@ndsuh.edu
 - Subject line: Course Release Grant Application
 - Make sure to cc department chair/head and dean

Course Release Grant

- Application Review Process
 - Applications will be screened for compliance
 - An NDSU internal review committee will evaluate the compliant applications and make the award decisions
 - Special care will be taken to prevent conflicts of interest
 - Reviewer evaluation form is posted on the FORWARD web site

Course Release Grant

- Obligations
 - Submit manuscript(s) to peer **reviewed journal(s)**
 - Submit a **brief synopsis** on the use of Course Release award
 - **Participate** in program assessment
 - **Acknowledge** support from the NDSU Advance FORWARD

Mentor Relationship Travel Grant

- Application Deadline: January 11, 2013
- Provides funds for meeting with mentors from outside NDSU to build long-term professional mentoring relationships
- Eligibility: Tenure-line women faculty in all disciplines
 - Assistant, Associate, and **not-yet-tenured** Professor Ranks

Mentor Relationship Travel Grant

- Budget Cap
 - \$1,500 per application
 - Expect to fund 20-30 applications
- Allowable Budget Items
 - Travel costs associated with meeting your mentor
 - Travel costs associated with bringing your mentor to NDSU

Mentor Relationship Travel Grant

- Application Format
 - Mentor Relationship Travel Grant Program application form
 - Explain the nature of the anticipated mentoring relationship and how it relates to your advancement and career goals at NDSU
 - Curriculum Vitae

Mentor Relationship Travel Grant

- Application Submission
 - Application Deadline: January 11, 2013
 - Email application materials to ndsuforward@ndsu.edu
 - Subject line: Mentor Relationship Travel Grant Application
 - Make sure to cc department chair/head and dean

Mentor Relationship Travel Grant

- Application Review Criteria
 - Nature and richness of expected mentoring relationship
 - Potential for a positive impact on the promotion and/or tenure of the applicant
 - Overall quality of the application

Mentor Relationship Travel Grant

- Obligations
 - Submit a **brief synopsis**
 - **Participate** in program assessment

Leadership Development Grant

- **Application Deadline: February 8, 2013**
- Provides funds for attending a national leadership training program
 - The goal is to help promote the advancement of women faculty and open leadership opportunities
- Eligibility: Open to **tenured** women faculty in all disciplines

Leadership Development Grant

- Budget Cap
 - **\$10,000** per proposal
- Allowable Budget Items
 - Costs associated with attending a leadership program
 - Costs associated with bringing a professional leadership trainer to NDSU

Leadership Development Grant

- Application Format
 - Leadership Development Grant Program application form
 - Explain what you hope to gain and how it relates to your advancement and career goals at NDSU
 - Curriculum Vitae
 - If supplemental funding is required, include documentation for matching funds and a descriptive summary of the budget

Leadership Development Grant

- Application Submission
 - Application Deadline: February 8, 2013
 - Email application materials to ndsuforward@ndsuh.edu
 - Subject line: Leadership Development Grant Application
 - Make sure to cc department chair/head and dean

Leadership Development Grant

- Obligations
 - Submit a **brief synopsis** on the use of Leadership Development Grant at the end of the award period
 - **Participate** in program assessment

Climate & Gender Equity Research Grant

- Application Deadline: March 28, 2013
- Provides funds for
 - Engaging the university in research on gender
 - Advancing the understanding of gender in the academia, especially in STEM
 - Separate from FORWARD related programs
- Eligibility
 - Open to **tenure-line** faculty (**women/men**) in **all disciplines**
 - Open to **all interdisciplinary research teams**

Climate & Gender Equity Research Grant

- Budget Cap
 - \$10,000 per proposal
 - Expect to fund 1-3 applications annually
- Allowable Budget Items
 - Salary; budget fringe at NDSU level, equipment, supplies, travel and publication costs
 - Only actual expenses are covered; no overhead/indirects are allowed
 - As this is an internal NDSU program, budgets do not require Sponsored Programs Administration signatures

Climate & Gender Equity Research Grant

- Application Format (saved as one PDF file)
 - Climate & Gender Equity Research Grant Program application form
 - Project Description
 - Information Dissemination Plan
 - Budget with Justification
 - References Cited
 - Curriculum Vitae

Climate & Gender Equity Research Grant

- NDSU Advance FORWARD Climate & Gender Equity Research Grant Program **application form**
- Project Description
 - Not to exceed *five* single-spaced pages including tables and figures
 - Write to a wide audience of potential reviewers
 - The project description should include a timeline demonstrating how the tasks of the project will be carried out within the timeframe for funding

Climate & Gender Equity Research Grant

- Information Dissemination Plan
 - Describe the potential impact of the project on climate and/or advancement of women faculty, including a strategy for **disseminating information** on campus and beyond
 - Not to exceed *two* single-spaced pages
- Budget with Justification
 - Not to exceed *one* single-spaced page
 - Itemize, describe, and justify each budget item; use the NDSU budget format
<http://www.ndsu.edu/research/spa/forms/excel/NDSU%20Standard%20Budget%20Form.xls>

Climate & Gender Equity Research Grant

- References cited
- Curriculum Vitae
 - Not to exceed *two* pages per investigator
 - Grant activity (current, pending, rejected) while at NDSU may be included on additional pages
- **List funding agency and program** to which you will submit a proposal
 - Include target date for submission(s) and estimated budget amount

Climate & Gender Equity Research Grant

- Application Submission
 - **Application Deadline: March 28, 2013**
 - Email application materials to ndsuforward@ndsuh.edu
 - Subject line: Climate and Gender Equity Research Grant Application
 - Make sure to cc department chair/head and dean

Climate & Gender Equity Research Grant

- Application 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 forms are posted on the FORWARD web site

Climate & Gender Equity Research Grant

- Obligations
 - Submit peer reviewed **journal article(s)**
 - Submit a **brief synopsis** on the use of Climate and Gender Equity Research grant
 - **Participate** in program assessment
 - **Present** findings to campus
 - Submit a **research proposal** to a funding agency *within* 12 months of the end of award period
 - **Acknowledge** support from the NDSU Advance FORWARD program

Leap Lab Renovation Grant

- Application Deadline: April 26, 2013
- Provides funds to improve lab infrastructure to advance research programs
- Eligibility: Open to **tenure-line** women faculty in **STEM disciplines**
 - See NSF STEM list

Leap Lab Renovation Grant

- Budget Cap
 - **\$100,000** (total funds available for the program)
 - Expect to fund 1-5 applications
- Allowable Budget Items
 - The Leap Lab Renovation Grant is intended to help **improve lab infrastructure** to advance research programs
 - Funds are available for lab renovation only, **not for equipment or instrumentation**

Leap Lab Renovation Grant

- Priority will be given to
 - **Assistant Professors** who have recently received a third year review
 - **Associate Professors** if two years past their promotion from Assistant Professor to Associate Professor and have at least two years before they intend to apply for promotion to Professor
 - Faculty who were **hired at Associate Professor rank** and have at least two years before they intend to apply for promotion to Professor
 - Associate Professors who previously received a Leap Lab Renovation Grant at the Assistant Professor rank are eligible to apply, but will not fall into the priority category
 - PI and all Co-PIs must meet eligibility criteria, and only the lead PI will be considered for priority status

Leap Lab Renovation Grant

- Application Format (saved as one PDF file)
 - NDSU Advance FORWARD Leap Lab Renovation Grant Program application form
 - Project Description
 - Curriculum Vitae
 - Attach copies of renovation cost estimates

Leap Lab Renovation Grant

- Advance FORWARD Leap Lab Renovation Grant Program application form
 - Explain need for Lab Renovation funding and how it relates to your advancement and career goals at NDSU
- Project Description
 - Not to exceed 3 pages
 - Include details of the renovation proposed, a description of the research to be completed in the renovated space, and why the renovation would be needed in order to conduct this research

Leap Lab Renovation Grant

- Curriculum Vitae
 - Not to exceed 2 pages per investigator
 - List all grant proposals funded, pending and declined on additional pages
 - Clearly indicate which proposals have been submitted while at NDSU
- Attach copies of renovation cost estimates

Leap Lab Renovation Grant

- Application Submission
 - **Application Deadline: April 26, 2013**
 - Email application materials to ndsu.forward@ndsu.edu
 - Subject line: Leap Lab Renovation Grant Application
 - Make sure to cc department chair/head and dean

Leap Lab Renovation Grant

- Application 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 forms are posted on the FORWARD web site

Leap Lab Renovation Grant

- Obligations
 - Awardees must submit a **brief synopsis** on the use of Grant at the end of the award period
 - Awardees must **participate** in program assessment
 - **Acknowledge** support from the NDSU Advance FORWARD program

Leap Research Grant

- **Application Deadline: April 26, 2013**
- Provides research grants to seed successful grant proposals
 - The goal is to help promote the advancement of faculty to acquire external funding, thereby increasing their research productivity and potential for promotion and/or tenure
- Eligibility: Open to **tenure-line** women faculty in **STEM disciplines**
 - See NSF STEM list

Leap Research Grant

- Budget Cap
 - **\$30,000** per proposal
- Allowable Budget Items
 - Salary; budget fringe at NDSU level, equipment, supplies, travel and publication costs
 - Only actual expenses are covered; no overhead/indirects are allowed
 - As this is an internal NDSU program, budgets do not require Sponsored Programs Administration signatures

Leap Research Grant

- Priority will be given to
 - **Assistant Professors** who have recently received a third year review
 - **Associate Professors** if two years past their promotion from Assistant Professor to Associate Professor and have at least two years before they intend to apply for promotion to Professor
 - Faculty who were **hired at Associate Professor rank** and have at least two years before they intend to apply for promotion to Professor
 - Associate Professors who previously received a Leap Research Grant at the Assistant Professor rank are eligible to apply, but will not fall into the priority category

Leap Research Grant

- Application Format - **PART 1** (saved as one PDF file)
 - NDSU Advance FORWARD Leap Research Grant Program application form
 - Project Description
 - Curriculum Vitae
 - Budget with Justification

Leap Research Grant

- Advance FORWARD Leap Research Grant Program application form
 - Explain need for Leap funding and how it relates to your advancement and career goals at NDSU
 - Discuss future funding and dissemination plans
- Project Description
 - Not to exceed three single-spaced pages including tables and figures
 - Write to the level of a wide audience of potential reviewers

Leap Research Grant

- Curriculum Vitae
 - Not to exceed 2 pages per investigator, honors
 - List all grant proposals funded, pending and declined on additional pages
 - Clearly indicate which proposals have been submitted while at NDSU
- Budget with Justification
 - Not to exceed *one* single-spaced page
 - Itemize, describe, and justify each budget item; use the NDSU budget format
<http://www.ndsu.edu/research/spa/forms/excel/NDSU%20Standard%20Budget%20Form.xls>

Leap Research Grant

- Application Format - **PART 2** (saved as a separate PDF file)
 - A copy of the **most recent department level review** and a copy of the **most recent college level review**, if available
 - If an applicant has not had a review, then one should be requested from the department chair/head to include in the application
 - Please refer to NDSU [Policy 352](#) (4.3 and 4.6), your college's PT&E document, and your department's PT&E document for information about annual reviews

Leap Research Grant

- Application Submission
 - Application Deadline: April 26, 2013
 - Email application materials (**two** PDF files) to ndsuforward@ndsuh.edu
 - Subject line: Leap Research Grant Application
 - Make sure to cc department chair/head and dean

Leap Research Grant

- Application Review Process
 - Proposals (*only PART 1*) will be reviewed by external reviewers from other universities
 - The final decisions for awards will be made by an internal review committee
 - Reviewer evaluation forms are posted on the FORWARD web site

Leap Research Grant

- 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 Research Grant award
 - Awardees must submit a **brief synopsis** on the use of Leap Fund at the end of the award year
 - **Share** findings with the campus community
 - **Participate** in program assessment
 - **Acknowledge** support from the NDSU ADVANCE FORWARD program

Travel, Course Release, Climate/Gender, Leadership, and Leap Awards 2008-2012

Over **90 faculty** as PI received FORWARD awards totaling more than **\$1,200,000**

Positive Impacts:

- decision to remain at NDSU (95%)
- tenure and/or promotion process (90%)
- career advancement (79%)
- experience of the NDSU campus climate (92%)
- develop leadership skills (79%)

Mid-Career Peer Mentoring

- Application Deadline: No deadline; on-going basis
- Provides funds to create peer, mixed-gender, mid-career mentoring teams, that will meet informally once a month
- Sign up for **Promotion to Full-Professor Panel and Luncheon Series**
 - When: Wed, November 14, 11:30am – 1:00pm
 - Where: Hidatsa, MU
 - <http://www.ndsu.edu/forward/>

Department Award

- Award given to academic departments that make the greatest effort in supporting and advancing gender equity:
 - *Biological Sciences (2010)*
 - *Veterinary & Microbiological Sciences (2011)*

Animal Sciences (2012)



2011-2012 Departmental Advance FORWARD Award
Presented at the 2012 Fall Kick-off Event