

# "Tour" of Liaison Services and Challenges for STEM Outreach

Lea Leininger  
Health Sciences  
Librarian



Karen Grigg  
Science Liaison  
Librarian



# Overview

- STM & Health Science Degrees at UNCG
- Who Are We? Science Librarian Team
- Liaison & Library Outreach Services
- Challenges for Outreach
- Addressing Challenges
- Future Opportunities

# STM & Health Science Degrees at UNCG

## Science

Chemistry  
B.S. → Phd

Biology  
B.S. → PhD

Physics  
B.S.

Nanoscience  
M.S., PhD

## Technology

Computer Science  
B.S., M.S.

## Math

Mathematics  
B.S. → PhD

## Health Sciences

**Nursing**  
B.S.N. → PhD

Nutrition  
B.S. → PhD

“Middle College”  
Pre-Health Profils  
h.s. + some UG

**Comm Sci & Disorders**  
B.S. → PhD

**Public Health Ed**  
B.S. → DrPH

Kinesiology  
B.S. → PhD

# Who Are We? Science Librarian Team



# Liaison & Library Outreach Services

- Welcome newbies
  - library tours, student & faculty orientations, ghost tours
- Provide curriculum integrated outreach
  - library instruction: in library, classrooms, online, offsite
  - food science lab invitations!
  - online guides and tutorials
  - blackboard (course management system) integration
- Sponsor & participate in campus events
  - promotion & tenure celebration
  - faculty authors reception
  - invited speakers on topics such open access, evaluating impact using article level metrics

# Liaison & Library Outreach Services, cont'd

- Support other research, dissemination, career advancement needs
  - workshops: lit searching, ebook collections, new library catalog, citation management, NC DOCKS scholarly output repository
  - plus consultations: instrument full text, grant searching, potential journals for mss, Open Journal System, ODUM social sciences data repository, impact factors, citation counts...

# Challenges for outreach/building a following and addressing challenges

- Finding out what's going on with departments
- Familiarizing self with
  - range of degrees, courses, and research initiatives
  - inter- and multi-disciplinary collaborations
  - departments' emphasis: teaching or research?
- Starting from scratch with some departments
- Acclimating self to organizational cultural of different departments
- Getting the word out to faculty and students

# Addressing Challenges

- Treat every contact as a marketing opportunity
  - Reference desk
  - Instruction sessions
  - Faculty interactions
- Present at departmental meetings
  - Outline library services to faculty and students
  - Collaborate with other library specialists to provide faculty presentations that get their attention: budget cuts
- Analyze and map curriculum for appropriate course instruction
- Develop a presence in departmental buildings



# Addressing Challenges, cont.

- Offer virtual reference assistance
- Assist with outside-the-box products and services
  - Citation management tools
  - Mobile apps
  - Visualization tools
  - Course management software
  - Instructional design
- Attend departmental programs and other campus events.

# Future Opportunities

- Map outreach opportunities: scan curriculum, campus research, community engagement
- Assess user needs
- Explore how our patrons work with data and determine what role we can serve in the data management process
- Leverage the team model in order to share instructional opportunities
- Prioritize opportunities for a future team of two

# Questions?

- Lea Leininger, Health Sciences Librarian  
[laleinin@uncg.edu](mailto:laleinin@uncg.edu)
- Karen Grigg, Science Liaison Librarian  
[ksgrigg@uncg.edu](mailto:ksgrigg@uncg.edu)

😊 Thank You 😊