Career Services Center Panel:
Statistics in the Workplace

Website: http://careercenter.waldenu.edu
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The Career Services Center Team

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Student Panelist

Sharon Roberts, MBA

PhD Management-Leadership and Organizational Change Student, Walden University

Project Manager, University Health Network (Toronto General Hospital)
Steven Mairs, MPA

Master of Public Administration Alumnus, Walden University (2009)

Founder and Executive Director, Excellence in Public Service
Alumnus Panelist

Zin Htway, PhD in Public Health

PhD in Public Health-Epidemiology Alumnus, Walden University (2014)

Instructional Support Specialist, Academic Skills Center, Walden University

Supervisor and Operations Manager, Hospital Safety Officer, Laboratory Team Leader, Los Robles Hospital and Medical Center

Lecturer, California State University Channel Islands
Agenda

• Explore the relevance of statistical knowledge in the workplace
• Uncover how statistics can be used across multiple fields
• Learn how the Career Services Center can support you in marketing your skills
A Quick Look Back...

• Florence Nightingale saves lives by making the case for improved sanitation in the 1800s

• Dr. John Snow stops the London cholera epidemic of 1854
A Quick Look Back...

- W. Edwards Deming fosters the growth of Quality Management in the 1950s

- NASA misses an opportunity to show the relationship between temperature and rubber O-Ring damage resulting in the launch and destruction of the Challenger in 1986
Statistics Across Multiple Fields

Statistics in Career Fields

- Business
- Health Sciences
- Education
- Government/Nonprofit
- Other Fields
Engage with Us

How have you used statistics in your workplace?
Statistics is a Tool for....

- Market Research
- Data Management
- Data Mining
- Information Technology
- Decision Making
- Analytics
- Metrics
- Research Surveys
- Forecasting
- Program Evaluation Trends
- Security
- Quality
Sharon Roberts:
“Using Statistics to Tell a Story”

Sharon Roberts used her statistical knowledge to:
• Improve ambulatory care at University Health Network
• Gain a deeper understanding of patient care through survey data
Steven Mairs:  
“Stats for Global Impact”

Steven Mairs used statistical knowledge to:
- Evaluate property management systems worldwide
- Help donors make informed international investment decisions

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Executive Director, Excellence in Public Service
Zin Htway: “It’s All About Stats!”

Dr. Zin Htway used statistical knowledge to:

- Research chemotherapy options for cancer patients
- Make projections for healthcare system staffing needs
- Meet safety accreditation standards
- Educate university students on how to interpret published data
Questions
Career Center Website

http://careercenter.waldenu.edu
For upcoming webinars, please visit the Career Services Center website for topics and links to register.
Career Services Doctoral Webinar Series

http://academicguides.waldenu.edu/careerservices/careerwebinars/doctoralwebinars/doctoralwebinarseries

Archived Webinars

- Alternative Careers for Your Doctoral Degree
- Strategies for Getting a Job in Higher Education
- Building Your Academic Reputation in Higher Education
- Using the DBA to Advance Your Career
- Creating Your Curriculum Vita
- Strategies for Getting Published
- The Scoop on Hiring in Higher Ed
- Transitioning into the Academic World Through Professional Associations and Conferences
Career Services Advisors Can Help With...

- Resumes/CVs
- Job Search
- Career Management
- Networking
- Branding
- Interviewing
Connect with Career Services

Access Everything from Our Website:
http://careercenter.waldenu.edu

E-mail: careerservices@waldenu.edu
References


Resources


• American Society of Quality (ASQ): http://asq.org/index.aspx

• International Statistical Institute: http://www.isi-web.org/

• Microsoft tutorials on Excel: https://support.office.com/en-us/article/Office-training-and-tutorials-b8f02f81-ec85-4493-a39b-4c48e6bc4bfb


• YouTube video: Hans Rosling’s 200 Countries, 200 Years, 4 Minutes- The Joy of Stats – BBC Four: https://www.youtube.com/watch?v=jbkSRLYSoojo

• YouTube video: How Not to be Ignorant About the World, Hans Rosling and Ola Rosling: https://www.youtube.com/watch?v=Sm5xF-UYgdo
"I am not much given to regret, so I puzzled over this one a while. Should have taken much more statistics in college, I think. :)

—Max Levchin, Paypal Co-founder, Slide founder