

William Gunn

Head of Academic Outreach at Mendeley

San Francisco Bay Area, CA, US

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Biography

I have been engaged in creating the future of science from the start. As a young child, I was fascinated by futuristic stories of science in Omni Magazine and Wired, leading me to get my PhD in the cutting edge field of stem cell biology. My first-hand experience with the inefficiencies and antiquities of "modern" academic research led me to join the team at Mendeley where I work on bringing modern network efficiencies to academic research.

I currently serve as the Head of Academic Outreach for Mendeley, a research management tool for collaboration and discovery.

Most recently, I did assay development for Genalyte, a molecular diagnostics startup. My work involved developing protein, DNA, and small molecule assays on their novel high-throughput assay platform. I received my PhD from the Tulane University, where I studied under Dr. Darwin Prockop at the Tulane Center for Gene Therapy. My dissertation is entitled "Investigating the Role of Human Multipotent Mesenchymal Stromal Cells in the Repair of Bone", in which I developed a model of multiple myeloma in mice and used it to test small molecule inhibitors of the interaction between multiple myeloma and bone precursor cells, promoting bone regeneration and repair of osteolytic lesions.

Specialties:

My work at Tulane involved self-guided experimental research on the relationship between Human Adult Stem Cells and cancer. My areas of expertise are bone biology, multiple myeloma, adult stem cells, and development of disease models.

Availability

Keynote, Moderator, Panelist, Author Appearance

Industry Expertise

Research, Internet, Library and Information Management

Areas of Expertise

Scholarly Communication, Open Access, Open Science, Data Visualization, Big Data

Affiliations

International Society of Cellular Therapy

International Society for Stem Cell Research, Science Online, Mendeley

Sample Talks

Big Data and Bibliometrics: Crowdsourcing the World's Largest Database of Research

Come learn how the Mendeley team built the largest crowdsourced database of research literature, scaled to handle 120M uploaded documents, and how they're using technologies such as Hadoop, Apache Mahout and Thrift to generate daily statistics and recommendations on over 7 TB of academic research data. William Gunn will talk about the lessons learned in building the service and how this is shaking up the stodgy old field of academic publishing.

Event Appearances

Big Data and Bibliometrics: Crowdsourcing the World's Largest Database of Research

O Reilly's Strata Conference

Building Research Applications with Mendeley: Opening up content discovery for your catalog.

Code4Lib

Education

Tulane University School of Medicine

PhD biomedical science

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