

Sara Russell Gonzalez

Science & Technology Librarian
Marston Science Library
University of Florida
saragonz@ufl.edu, 352-273-2889

Education

M.L.I.S.	Florida State University Concentration: Knowledge Management	2005
Ph.D.	University of California, Santa Cruz Field: Geophysics/Seismology Advisor: Thorne Lay	2001
B.S.	California Institute of Technology Major: Geophysics	1996

Positions Held

Assistant University Librarian	Marston Science Library, University of Florida	2013-
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Responsibilities:

(Current)

- Liaison to Astronomy, Physics, Mathematics, Statistics
- Reference at the desk and chat
- Coordinator for 3D Services, MADE@UF, Visualization Room
- Faculty advisor to Generational Relief in Prosthetics (GRIP)

(Previous)

- Instruction Coordinator
- Developer of IDH 3931: Discovering Research and Communicating Science

Adjunct Assistant University Librarian	Marston Science Library, University of Florida	2013
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Responsibilities:

- Provide general reference (in person, online)
- Instruction
- Project support

Graduate Lecturer in Library and Information Science	Graduate School, SUNY Buffalo	2012-2014
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Responsibilities:

- Development and instruction of online asynchronous graduate course *LIS 515: Information Sources and Services in the Sciences*

Assistant University Librarian

Marston Science Library,
University of Florida

2005-
2011

Responsibilities:

- Liaison to and collection development in Astronomy, Geology, Mathematics, Physics, and Statistics
- Reference (in person, online)
- Instruction (numerous library workshops, Honors course *IDH 3931: Discovering Research and Communicating Science*)
- UF VIVO Implementation Lead – supervised ontology development and local VIVO development
- Supervised MSL Serials Office
- Coordinated MSL website development, electronic signage, blog and wiki

Research Seismologist

Weston Geophysical
Corporation

2003-
2005

Responsibilities:

- Conducted nuclear test monitoring research
- Wrote funding proposals
- Documented research in journals and reports
- Presented research at conferences
- Refereed journal submissions
- Administered workstations (Linux and Windows XP)

Honors & Awards

- UF Libraries Employee Excellence Award for Outstanding Accomplishments in Innovation for 3D printing 2014
- UF Libraries Employee Excellence Award for Outstanding Accomplishments in Creativity for the Crocheted Coral Reef (group) 2011
- UF Libraries Employee Excellence Award for Outstanding Accomplishments in Innovation for VIVO (shared with V. Minson) 2009
- SLA Sci-Tech S. Kirk Cabeen Travel Stipend 2006
- Institute of Geophysics and Planetary Physics Fellow 2001
- UCSC Earth Science Outstanding Teaching Assistant 2000
- GAANN Fellow 1998

Publications

Refereed Articles

- Bharti, N., **Russell Gonzalez, S.**, & Buhler, A. (2015). *3D technology in libraries: Applications for teaching and research*. IEEE Xplore, Emerging Trends and Technologies in Libraries and Information Services (ETLIS), 4th International Symposium, 161-166.
- **Russell Gonzalez, S.**, & Bennett, D.B. (Fall 2014). *Planning a 3D Printing Service in an Academic Library: Lessons from a Case Study*. Issues in Science & Technology Librarianship, 78. <http://www.istl.org/14-fall/refereed3.html>

- Kennedy, K., Cataldo, T. T., Davis, V., **Gonzalez, S. R.**, & Newsom, C. (2008). *Evaluating continuing resources: Perspectives and methods from science librarians*. *The Serials Librarian*, 55(3), 428-443. Doi: 10.1080/03615260802059064
- Kennedy, K., **Gonzalez, S. R.**, & Cenzer, P. (2007). *Student perspectives on library school degrees and the hiring process*. *Journal of Education for Library and Information Science*, 48(4), 284-293.
- Avants, M., Lay, T., **Russell, S. A.**, & Garnero, E. J. (2006). *Shear velocity variation within the D" region beneath the central pacific*. *Journal of Geophysical Research – Solid Earth*, 111(B5), B05305. Doi: 10.1029/2004JB003270
- Lay, T., E.J. Garnero, & **Russell, S.A.** (2004). *Lateral variation of the D" discontinuity beneath the Cocos Plate*, *Geophys. Res. Lett.*, 31(15).
- Rokosky, J.M., Lay, T., Garnero, E.J., & **Russell, S.A.** (2004). *High-resolution investigation of shear wave anisotropy in D" beneath the Cocos Plate*, *Geophys. Res. Lett.*, Vol. 31, doi:10.1029/2003GL018902.
- Bonner, J., Harkrider, D.G., Herrin, E.T., **Russell, S.A.**, Shumway, R.H., & Tibuleac, I. (2003). *Evaluation of short-period, near-regional Ms scales for the Nevada Test Site*, *Bull. Seism. Soc. Am.*, 93, 1773-1791
- **Russell, S.**, Reasoner, C., Lay, T., & Revenaugh, J. (2001). *Coexisting shear- and compressional-wave seismic velocity discontinuities beneath the central Pacific*. *Geophysical Research Letters*, 28(11), 2281-2284. Doi: 10.1029/2000GL012553
- **Russell, S.**, Lay, T., & Garnero, E. (1999). *Small-scale lateral shear velocity and anisotropy heterogeneity near the core-mantle boundary beneath the central pacific imaged using broadband ScS waves*. *Journal of Geophysical Research-Solid Earth*, 104(B6), 13183-13199. Doi: 10.1029/1999JB900114
- **Russell, S. A.**, Lay, T., & Garnero, E. J. (1998). *Seismic evidence for small-scale dynamics in the lowermost mantle at the root of the Hawaiian hotspot*. *Nature*, 396(6708), 255-258. Doi: 10.1038/24364
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Book

- **Russell Gonzalez, S.**, & Bennett, D.B. (2016). *3D Printing: A Practical Guide for Librarians*. Rowman & Littlefield.

Book Chapters

- Tennant, M., Edwards, M., Norton, H., & **Russell Gonzalez, S.** (2015). *Information and scientific literacy support: Aligning instruction with standards and frames to prepare students for research and lifelong learning*. P. Ragains & M.S. Wood (Eds.), *The New Information Literacy Instruction*. Rowman & Littlefield.
- Johnson, M., Buhler, A., & **Russell Gonzalez, S.** (2013). *Communicating with future scholars: Engaging undergraduate science students with open access issues*. S. Davis-Kahl, & M. Hensley (Eds.), *Common ground at the nexus of information literacy and scholarly communication*. Washington, D.C.: Association of College and Research Libraries.
- Johnson, M., & **Russell Gonzalez, S.** (2010). *Creating a credit IL course for science students*. C. Hollister (Ed.), *Best practices for credit-bearing information literacy courses* (pp. 153). Washington, D.C.: Association of College & Research Libraries.
- **Russell Gonzalez, S. R.**, Davis, V., Dinsmore, C., Frey, C., Newsom, C., & Taylor, L. N. (2008). *Bioterrorism at UF: Exploring and developing a library instruction game for new students*. S. E. Rice, & A. Harris (Eds.), *Gaming in academic libraries: Collections, marketing, and information literacy*. Chicago: Association of College and Research Libraries.

Dissertation

- **Russell, S. A.** (2001). *Investigation of mantle structure above the core-mantle boundary and beneath northeast Africa*. ProQuest, UMI Dissertations Publishing).

Refereed Conference Proceedings

- Garcia-Milian, R., Norton, H., Auten, B., Davis, V., Ferree, N., Holmes, K., Johnson, M., **Russell Gonzalez, S.**, Schaefer, N., Tennant, M., Conlon, M., & VIVO Collaboration. (2011). *Role of librarians in the development of computer-mediated social networks: Challenges and lessons learned from VIVO implementation and outreach*. Proceedings of the Contributed Papers Session. Biomedical and Life Sciences Division, Special Libraries Association Annual Conference. Philadelphia, PA.
- Holmes, K.L., Tennant, M.R., Hack, G., Davis, V., Devare, M.H., **Russell Gonzalez, S.**, & Conlon, M., VIVO Collaboration (2010) *VIVO: a national resource discovery tool for the biomedical community*. Proceedings of the Contributed Papers Session. Biomedical and Life Sciences Division, Special Libraries Association Annual Conference, New Orleans, LA.
- **Russell Gonzalez, S.**, Davis, V., Tennant, M., Holmes, K., & Conlon, M. (2010). *Letting the good times roll through alignment: meeting institutional missions and goals with VIVO, a web-based research discovery tool*. Proceedings of the Special Libraries Association Annual Conference, New Orleans, LA.
- Davis, V., Taylor, L., Williams, S. V., Benson, D., **Gonzalez, S. R.**, & Sullivan, M. (2010). *Increasing access to agricultural publications using digital repositories and the semantic web*. International Conference on Digital Libraries, Delhi, India.
- Davis, V., Devare, M., **Russell Gonzalez, S.**, & Tennant, M. (2009). *Implementation of a new research discovery tool at two university libraries*. Proceedings of the Contributed Papers Session. Biomedical and Life Sciences Division, Special Libraries Association Annual Conference, Washington, D.C.
- **Russell Gonzalez, S.A.**, K. Kennedy, P. Cenzler. (2007). *E-Education: Does an online degree make a difference to academic library employers?* Association of College and Research Libraries 13th National Conference Proceedings, Baltimore, MD.

Bibliographies

- **Russell Gonzalez, S.**, "Astronomy" in *Resources for College Libraries*, published by ALA Editions (American Librarian Association), Chicago, IL. Available online at <http://www.RCLweb.net>. Section includes 248 records with scope notes and is updated yearly. Edited 2006-2008.
- **Russell Gonzalez, S.**, "Astronomy" in *Guide to Reference*, 12th edition, published by ALA Editions (American Library Association), Chicago, IL. 2008. Available online at <http://www.guidetoreference.org>. Section includes 73 selected and annotated entries, with Editor's Guide.

Reviews

- **Russell Gonzalez, S.** (2011). Book review: *Hunting and imaging comets*. Author: Mobberley, Martin. Choice Reviews Online. doi:10.5860/CHOICE.48-5056
- **Russell Gonzalez, S.** (2010). Book review: *The scientific exploration of Mars*. Author: Taylor, Fredric. Choice Reviews Online. doi:10.5860/CHOICE.48-0850

- **Russell Gonzalez, S.** (2010). Book review: The cosmic keyhole: How astronomy is unlocking the secrets of the universe. Author: Gater, Will. Choice Reviews Online. doi:10.5860/CHOICE.47-4389
- **Russell Gonzalez, S.** (2010). Book review: The new solar system: ice worlds, moons, and planets redefined. Author: Daniels, Patricia. Choice Reviews Online. doi:10.5860/CHOICE.47-3130
- **Russell Gonzalez, S.** (2009). Book review: The Earth's atmosphere: its physics and dynamics. Author: Saha, Kshudiram. Choice Reviews Online. doi:10.5860/CHOICE.46-4507
- **Russell Gonzalez, S.** (2009). Book review: Mars: a cosmic stepping stone: uncovering humanity's cosmic context. Author: Nolan, Kevin. Choice Reviews Online. doi:10.5860/CHOICE.46-3819
- **Russell Gonzalez, S.** (2009). Book review: David Levy's guide to observing meteor showers. Author: Levy, David. Choice Reviews Online. doi:10.5860/CHOICE.46-2637
- **Russell Gonzalez, S.** (2008). Book review: The brightest stars: discovering the universe through the sky's most brilliant stars. Author: Schaaf, Fred. Choice Reviews Online. doi:10.5860/CHOICE.46-2055
- **Russell Gonzalez, S.** (2008). Book review: Lives of the planets: a natural history of the solar system. Author: Corfield, Richard. Choice Reviews Online. doi:10.5860/CHOICE.45-2579
- **Russell Gonzalez, S.** (2008). Online resource review: Wikisky.org. Choice Reviews Online. doi:10.5860/CHOICE.45-4363
- **Russell Gonzalez, S.** (2007). Book review: Handbook of geophysics and archaeology. Author: Witten, Alan. Choice Reviews Online. doi:10.5860/CHOICE.44-5708
- **Russell Gonzalez, S.** (2007). Online resource review: Astronomy 162: Stars, Galaxies, and Cosmology. Choice Reviews Online. doi:10.5860/CHOICE.44-5617
- **Russell Gonzalez, S.** (2007). Book review: Fundamentals of astronomy. Author: Barbieri, C. Choice Reviews Online. doi:10.5860/CHOICE.44-3845
- **Russell Gonzalez, S.** (2007). Online resource review: Explore Mars Now: Interactive Mars Habitat. Choice Reviews Online. doi:10.5860/CHOICE.44-6826
- **Russell Gonzalez, S.** (2007). Online resource review: Geoscience Information Society. Choice Reviews Online. doi:10.5860/CHOICE.45-1472
- **Russell Gonzalez, S.** (2006). Book review: Great Observatories of the World. Author: Brunier, Serge and Lagrange, Anne-Marie. Choice Reviews Online. doi:10.5860/CHOICE.43-6500

Other Publications

- **Russell Gonzalez, S.A.**, Special Library Association Physics, Astronomy, and Mathematics Bulletin, (Editor, 2007; Assistant Editor, 2006).

Presentations

National/International

- **Russell Gonzalez, S.** (presenter). (2016, December). *Creating a Digital Makerspace in the Academic Library*. National Information Standards Organization (NISO) Webinar. (invited, ticketed)

- **Gonzalez, S. R.**, Minson, V. (presenter), Russell, J. (2016, August). *Collaboration through Linking: A Bilateral Project between University of Florida and Elsevier for Access to Articles by UF Authors*. VIVO National Conference. Denver, CO. (refereed)
- **Russell Gonzalez, S.** (presenter), and Bennett, D.B. (presenter). (2016, May). *3D Printing @ Your Library: Getting Started*. Library Journal Webinar. (invited)
- **Russell Gonzalez, S.** (presenter). (2016, May). *Hacks in the Stacks: Hosting Hackathons in the Library*. American Library Association Annual Meeting. Orlando, FL.
- **Russell Gonzalez, S.** (speaker, moderator). (2016, March 23). *Makerspaces: The Library's Legal Answers Workshop*. ALA Webinar. (invited)
- **Russell Gonzalez, S.** (presenter), and Bennett, D.B. (presenter) (2015, April 16th and 17th). *Exploring 3D Printing at Your Library*. Workshop at the Texas Library Association. Austin, TX. (invited, ticketed)
- **Russell Gonzalez, S.** (presenter), and Allen, A. (2015, March) *Stimulating Innovation inside the Library with a Lab for Mobile App Development*, TechConnect presentation at the meeting of the American College & Research Libraries. Portland, OR.
- Elrod, R. (presenter), and **Russell Gonzalez, S.** (presenter) (2015, March). *Revolutionizing teaching: 3D Printing at the Education Library*. Poster session at the meeting of the American College & Research Libraries. Portland, OR.
- **Russell Gonzalez, S.**, & Bennett, D.B. (2014, November). *3D Services and MADE@UF*, Talking Technology for FACRL, virtual webinar.
- **Russell Gonzalez, S.** (2014, July). *MADE@UF - a partnership to support mobile app development*. Presentation at Science Bootcamp Southeast. Raleigh, N.C.
- **Russell Gonzalez, S.**, & Bennett, D.B. (2014, June). *More than just Yoda: The role of 3D printing in the research and teaching mission of the library*. Poster session presented at the meeting of the ALA: American Library Association Annual Conference, ACRL: Association for College and Research Libraries, STS: Science and Technology Section. Las Vegas, NV. <http://ufdc.ufl.edu/IR00004130/00001>
- Norton, H., Richmond, C., and **Russell Gonzalez, S.** (2014, May). Building for innovation with library-hosted 3D printing and scanning. Medical Library Association Annual Conference. Chicago, IL.
- Wrublewski, D., Buhler, A., **Russell Gonzalez, S.**, & Johnson, M. (2013, September). *Anything BUT overlooked: Librarians teaching scientific communication skills at the University of Florida*. American Chemical Society Fall 2013 Meeting, Indianapolis, IN.
- Johnson, M., Buhler, A., **Russell Gonzalez, S.**, & Wrublewski, D. (2012, June). *Discovering research & communicating science: Librarians facilitating STEM learning in a credit-bearing course*. Poster session presented at the meeting of the ALA: American Library Association Annual Conference, ACRL: Association for College and Research Libraries, STS: Science and Technology Section. Anaheim, CA. <http://ufdc.ufl.edu/IR00001081>
- Bennett, D., Johnson, M., Leonard, M., & **Russell Gonzalez, S.** (2011, June). *Full STEAM ahead: Infusing art into STEM*. Poster session presented at the meeting of the ALA: American Library Association Annual Conference, ACRL: Association of College and Research Libraries, STS: Science and Technology Section, New Orleans, LA. <http://ufdc.ufl.edu/IR00000467>
- Buhler, A., Johnson, M., **Russell Gonzalez, S.**, Blackburn, K., Conlon, M. & the VIVO Collaboration. (2011, March). *Building an interdisciplinary collaboration community with VIVO*. Poster session presented at the meeting of the ACRL: Association of College and Research Libraries Conference, Philadelphia, PA. <http://ufdc.ufl.edu/IR00000437>

- Tennant, MR., Holmes, KL., Barnes, C., Ding, Y., Davis, V., **Russell Gonzalez, S.**, Mitchell, S., Conlon, M. (March 7, 2011) *VIVO: Support for Translational Research*. Poster session at AMIA Joint Summits, San Francisco, CA.
- Devare, M., Davis, V., Holmes, K., **Russell Gonzalez, S.**, Tennant, M., Conlon, M., & the VIVO Collaboration. (2010, November). *VIVO: A semantic approach to creating a national network of researchers. Part I. Approach and dissemination*. Poster session presented at the meeting of the AMIA: American Medical Informatics Association, Translational Bioinformatics Summit.
- Tennant, M.R., Holmes, K.L., Henning, S., Linnemeier, M., Borner, K., Davis, V., **Russell Gonzalez, S.**, Ma, N., Tank, C., Conlon, M., & the VIVO Collaboration (2010, November). *VIVO: Enabling national networking of scientists*. Poster session presented at the meeting of the ASHG: American Society of Human Genetics Annual Meeting, Washington, DC.
- Butson, L.C., Norton, H., Auten, B., Davis, B., Ferree, N. Holmes, K., Johnson, M., **Russell Gonzalez, S.**, Schaefer, N., Tennant, M., Conlon, M., & the VIVO Collaboration (2010, October). *Going the distance: VIVO: Reaching out to faculty in support of a national network of researchers*. Presentation presented at the meeting of the Mid-Atlantic Chapter, MLA: Medical Library Association Annual Conference, Chapel Hill NC.
- Buhler, A., Davis, V., **Russell Gonzalez, S.**, Johnson, M., Norton, H., & Conlon, M. (2010, August). *It takes a village: Implementation of VIVO at the University of Florida*. Poster session presented at the meeting of the VIVO National Conference, New York, NY.
- Davis, V., Case, C., Rockwell, A., **Russell Gonzalez, S.** (August 12, 2010) *Implementing VIVO at your Institution*. Pre-Conference Workshop at the First Annual VIVO National Conference.
- Tennant, M.R., Botero, C. Holmes, K., Davis, V., Devare, M., **Russell Gonzalez, S.**, Conlon, M., & the VIVO Collaboration. (2010, June). *VIVO: A support tool for E-science & translational research*. Poster session presented at the 31st annual IATUL: International Association of Scientific and Technological University Libraries Conference, West Lafayette, IN and Chicago, IL.
- Tennant, M.R., Holmes, K., **Russell Gonzalez, S.**, Davis, V., Devare, M., Hack, G., Conlon, M., & the VIVO Collaboration (2010, June). *Meeting institutional missions and goals with VIVO, a web-based research discovery tool*. Poster session presented at the meeting of the SLA: Special Libraries Association, New Orleans, LA.
- Davis, V., Devare, M., Holmes, K., **Russell Gonzalez, S.**, Tennant, M., Conlon, M., & VIVO Collaboration (2010, May). *VIVO: Creating partnerships across disciplines*. Poster session presented at the meeting of the USAIN: United States Agricultural Information Network, West Lafayette, IN.
- Holmes, K., Tennant, M., Barnes, C. Cappadona, N., Caruso, B., Corson-Rikert, J., Davis, V., Devare, M., Haines, C., Krafft, D., Li, Y., Lowe, B., Raum, N., **Russell Gonzalez, S.**, Williams, S. Conlon, M., & VIVO Collaboration (2010, May). *VIVO: A resource for discovery at the local and national level*. Poster session presented at the meeting of the MLA: Medical Library Association, Washington, DC.
- Tennant, M., Holmes, K., Davis, V., Devare, M., **Russell Gonzalez, S.**, Albert, P., Botero, C., Britt, K., Brooks, E., Buhler, A., Bushhousen, E., Cogar, C., Dunn, C., Markes, P., Norton, H., Schaefer, N., Trimarchi, M., Williams, S., Conlon, M., & VIVO Collaboration (2010, May). *VIVO: library-based support for research networking and discovery*. Presentation at the MLA: Medical Library Association Conference, Washington, DC.
- Devare, M., Davis, V., Holmes, K., **Russell Gonzalez, S.**, Tennant, M., Conlon, M., & VIVO Collaboration (March 12, 2010). *VIVO: a semantic approach to creating a national*

network of researchers. Part I. Approach and dissemination. Poster at American Medical Informatics Association, Translational Bioinformatics Summit.

- **Russell Gonzalez, S.**, Devare, M., Davis, V., Holmes, K.L., Tennant, M.R., Conlon, M., & VIVO Collaboration. (2010, February). *VIVO: Developing a national network of scientists*. Poster session presented at the meeting of the AAAS: American Association for the Advancement of Science Annual Conference, Washington, DC.
- **Russell Gonzalez, S.**, & Davis, V. (October 2008). *GatorScholar: integrating UF's expertise online*, Poster at Association of Research Libraries Fall Forum, Washington, D.C.
- Davis, V., & **Russell Gonzalez, S.** (June 17, 2008) *The UF Libraries' Experiences Implementing a Faculty Activities Search Engine*. Poster at Special Libraries Association All-Sciences Poster Session & Reception. Seattle: WA.
- Davis, V., **Russell Gonzalez, S.** (June 6, 2007 and October 1-16, 2007). *Bioterrorism at UF: Library Instruction for New Students Using Video Games*. Special Libraries Association Annual Conference: Chemistry Division Poster Session. Denver: CO.
- **Russell Gonzalez, S.**, Kennedy, K., and Cenzer, P. (March, 2007) *E-Education: Does an online degree make a difference to academic library employers?* Association of College and Research Libraries 13th National Conference. Baltimore, MD.
- Bonner, J., Stump, B., Walter, W., Pearson, D., Hayward, C., Velasco, A., Baker, D., Edwards, C., Lewkowicz, J., Harder, S., Wallace, T., **Russell, S.A.**, Leidig, M., & Myers, S. (2003). *Planning source phenomenology experiments in Arizona*, Poster at 25th Seismic Research Review, Tucson, AZ.
- Bonner, J., Harkrider, D., Leidig, M., Herrin, G., Shumway, B., **Russell, S.A.**, Tibuleac, I., & Reiter, D. (2003). *Estimating Ms From Short-Period (< 10 sec) Rayleigh Waves*, Poster at 25th Seismic Research Review, Tucson, AZ.
- Priestley, K., **Russell, S.A.**, Gaur, V., Lewkowicz, J., Mitra, S., & Maggi, A. (2003). *Broadband Seismic Studies in Southern Asia*, Poster at 25th Seismic Research Review, Tucson, AZ.
- Mitra, S., **Russell, S.A.**, Priestley, K., Gaur, V.K., & Rai, S.S. (2002). *Measurements of Frequency Dependent Lg Attenuation in India*, Poster at American Geophysical Union Fall Meeting, San Francisco, CA.
- **Russell, S.A.**, Rodgers, A. & Schwartz, S. (2000). *Lithospheric structure of the Red Sea rift zone from complete waveform modelling*, Poster at American Geophysical Union Fall Meeting, San Francisco, CA, 2000.
- **Russell, S.A.**, & Lay, T. (1999). *Comparison of small scale structure in D'' beneath Central America and the central Pacific*, Presentation at Seismological Society of America Meeting, Seattle, WA.
- **Russell, S.A.**, & Lay, T. (1998). *Strong evidence against any shear-wave discontinuity in D'' beneath the central Pacific*, Poster at American Geophysical Union Fall Meeting, San Francisco, CA.
- **Russell, S.A.**, Lay, T., & Garnero, E. (1997). *D'' velocity structure beneath the central Pacific*, Presentation at American Geophysical Union Fall Meeting, San Francisco, CA.
- **Russell, S.A.**, Lay, T. & Garnero, E. (1996). *Investigation of D'' structure beneath the central Pacific using broadband shear waves*, Poster at American Geophysical Union Fall Meeting, San Francisco, CA.

Regional

- **Russell Gonzalez, S.** (2014, July). *MADE@UF - a partnership to support mobile app development*. Presentation at Science Bootcamp Southeast. Raleigh, N.C.

State

- **Russell Gonzalez, S.** (2016, August). *Challenges and Opportunities for Scientific Libraries*. Tampa Bay Library Consortium VIP Conference. Tampa, FL.
- **Russell Gonzalez, S.** (2016, March). *More than Trinkets: Making the case for 3D in the Library*. Tampa Bay Library Consortium Makerfest. Plant City, FL.
- **Russell Gonzalez, S.** (2016, March). *Introduction to 3D Printing*. North Florida Library Information Network (NEFLIN) workshop. Gainesville, FL. (invited, ticketed)
- Dinsmore, C., Davis, V., **Gonzalez, S.**, & Newsom, C. (April 24, 2008) *Junior Librarians in Leadership Role at University of Florida Libraries*. Panelist at Florida Libraries Association Annual Conference.

Local

- **Russell Gonzalez, S.** (presenter). (2016, November). *Introduction to 3D Printing*. Presentation to SW Gainesville P.E.O Chapter. Gainesville, FL (invited)
- **Russell Gonzalez, S.**, Reboussin, D., and Bergau, J. (2016, April). *Introduction to 3D Printing*. Oak Hammock. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (2016, March). *Introduction to 3D Printing*. Altrusa House. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (presenter). (2016, February). *3D Printing at the Library*. UF Building STEAM Symposium. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (2016, January). *Introduction to 3D Printing*. PEO Organization. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (2016, January). *3D & Making in the Digital Humanities*. UF Digital Humanities Bootcamp. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (panelist). (2015, December) *So You Don't Want to be a Professor? Exploring other Career Paths in Science*. UF Women in Science & Engineering (WiSE) meeting. Gainesville, FL (invited).
- **Russell Gonzalez, S.** (2015, November). *Introduction to 3D Printing*. Hands2Love Fall Camp for Teens. Starke, FL.
- **Russell Gonzalez, S.** (2015, October). *Making in the Humanities: Makerspaces and Interdisciplinary Initiatives*. UF Digital Humanities Working Group. Gainesville, FL (invited).
- **Russell Gonzalez, S.**, Bharti, N., and Buhler, A. (2014, August). *3-D Printing in the Classroom*. Presentation at UF College of Agricultural and Life Sciences Teaching Enhancement Symposium. Gainesville: FL.
- Buhler, A., Davis, V., **Gonzalez, S.** (August 12, 2008) *Plagiarism on Campus*. Invited presentation at Ninth Annual College of Agricultural and Life Sciences Teaching Enhancement Symposium. Gainesville: FL.
- **Russell Gonzalez, S.**, & Newsom, C. (March, 2008). *When Junior Librarians Find Themselves in Charge*, UF Libraries Journal Club, Gainesville, FL.
- **Russell Gonzalez, S.** (September, 2006). *Using Electronic Resources to Create Department Publication Lists*, UF Libraries Journal Club, Gainesville, FL.
- Hruska, M., Fleming, J., **Russell Gonzalez, S.**, Nemmers, J., & Ochoa, M. (March 2006). *Medium-Makeover Library Edition*, UF Libraries Town Meeting, Gainesville, FL.

Conferences Moderated

- Moderator and member of program committee, Special Library Association South Atlantic Regional Conference, St. Petersburg, FL, February 2008.
- Moderator and Organizer, Astronomy Roundtable, Special Library Association Annual Meeting, Denver, CO, June 2007.

Grants

External

- **VIVO: Enabling National Networking of Scientists**
Grant Period: 9/25/2009 – 8/31/2011
Funding Agency: National Institutes of Health
Total Award: \$12,300,000
Total Award to UF Libraries: \$1,645,845
Role: UF Implementation Team Lead (50% FTE)
Project Description: VIVO is a multi-institutional semantic web discovery tool that facilitates communication and collaboration across interdisciplinary and institutional boundaries not only for scientists, but also for students, administrators, prospective faculty and students, donors, funding agencies, and the public.
- **Science Education for Teachers and Students Throughout Florida**
Grant Period: 2/1/2008-1/31/2010
Funding Agency: NASA Hubble Space Telescope Education and Public Outreach
Total Award: \$31,020 (direct)
Role: co-Investigator (P.I.: Vicki Sarajedini, UF)
Project Description: My role in this grant was to identify and configure a 3D Astrowall used for public and K-12 outreach.

Internal

- **Enhancing the Collaborative Learning Space in Marston Science Library**
Grant Period: 2016-2017
Funding Agency: UF IT Technology Fee
Total Award: \$71,230
Role: co-P.I.
Project Description: This grant funded a redesign and new technology for the Marston Science Library classroom L308 and the Thomson 1st floor computer lab. The goal was to create flexible, agile learning spaces that provide increased instructional capability and new study space for students.
- **Functionality for UF Libraries' 3D Printing Services**
Grant Period: 2016-2017
Funding Agency: UF IT Technology Fee
Total Award: \$86,431
Role: co-P.I.
Project Description: This grant expanded the UF Libraries' 3D printing services to include multi-color printers along with a fleet of small 3D printers that will circulate to students.
- **3D Print Lab in the UF Libraries**
Grant Period: 2013-2015

Funding Agency: UF IT Technology Fee

Total Award: \$79,373.52

Role: P.I.

Project Description: This grant funded the purchase of 4 3D printers and 2 scanners, along with software and computers, to provide 3D printing services to the UF community at Marston Science Library, Health Science Center Library and the Education Library.

- **Developing a Database to Foster Interdisciplinary Communication and Collaboration at UF**

Grant Period: 2007-2008

Total Award: \$5,000

Funding Agency: George A. Smathers Libraries Minigrant Committee

Role: co-P.I.

Project Description: This project funded a test implementation of Cornell's VIVO research discovery system. This minigrant was the basis for UF's participation in the NIH-funded VIVO collaboration and development.

Teaching

Semester-long

UF IDH3931: Discovering Research & Communicating Science

**2015, 2013,
2010, 2006**

Course Overview: The course prepares undergraduates to begin research early in their education by introducing the many ancillary skills that are essential to success and assisting them in locating a research opportunity. These skills include scholarly communication, research ethics, grant-writing, data management and visualization, and preparing for graduate/professional admissions. Guest lecturers from a variety of subjects speak about their research, available undergraduate research opportunities, and what skills they see are essential for new graduate students. (created and taught)

SUNY Buffalo LIS 515: Information and Services in the Sciences

2012-2014

Course Overview: This course prepares graduate students for science librarianship by introducing them to the scientific research process, library resources for STEM disciplines, scientific communication skills, how to create engaging learning objects (websites, tutorials, library guides) for science audiences. (created and taught)

Guest Lectures

- AST 6935 Frontiers in Astronomy – Fall 2013, 2014
- AST 3722 Observational Techniques – Spring 2015, 2014, 2013, 2008, 2007
- ECE Graduate Seminar: Data Management – Spring 2013
- ENC 3254 Communication for Engineers – Spring 2014, Spring, 2013, Fall 2007
- AST 3018 Astronomy & Astrophysics - Fall 2008
- ABE 6931 Graduate Seminar - Fall 2008
- UF Mathematics Department Graduate Orientation - Fall 2008
- GLY 4552 Sedimentary Geology – Spring 2008 (3x), Fall 2008 (3x)
- GLY 4155 Geology of Florida – Fall 2007, Fall 2006

- UF Geology Department Graduate Orientation – Fall 2007, Fall 2006
- UF Astronomy Journal Club – Fall 2008, Fall 2007, Fall 2006
- Earth Science Outreach, Newberry Middle School – Spring 2007 (4x)
- Southeast Alliance for Graduate Education and the Professoriate (SEAGEP) – Fall 2006
- ENC 1101 Expository and Argumentative Writing – 2005-2008, 3x/year
- ENC 1102 Argument and Persuasion – 2005-2008, 3x/year

Library Instruction

- Introduction to RefWorks – Spring 2014
- Introduction to Endnote Basic – Spring 2014
- Library Research in Physics for the Rock School – Spring 2014
- Library Research in Chemistry for the Rock School – Spring 2014, Spring 2013
- Reference Strategies for Finding Datasets – Spring 2013
- Avoiding Plagiarism and Research Ethics (Faculty & Graduate Students) – Fall 2008 (2x)
- Graduate Student Orientations – Fall 2008 (5x)
- International Student Orientation – Summer 2008
- LaTeX Workshop for Graduate Students – Spring 2007

Professional Affiliations

American Library Association (2013- , 2005-2011)

RUSA Emerging Technology Section

Services for Systems & Discovery Committee member (2016-)

Science & Technology Section

Scholarly Communications Committee member (2016-)

2016 Orlando Program Committee member (2014-2016)

2015 San Francisco Program co-Chair (2013-2015)

Research Agenda Taskforce member (2013-2015)

University Libraries Section

Social Chair (2010-2011)

Membership Chair (2009-2010)

New Members Round Table (2005-2006)

Co-facilitated January 2006 online discussion for new librarians about career changes

Special Library Association (2005-2011)

Sci-Tech Division

Website Administrator (2008-2011)

Communications Committee (2007-2011)

Awards Committee (2006-2011)

Physics-Astronomy-Mathematics Division

Bulletin Chair (2007), Assistant (2006)

Florida-Caribbean Chapter

President-elect (2011)

Regional Contact (2007-2011)

