

Dr. Ryan S. Lynch**Curriculum Vitae**

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Education

Ph.D., Astronomy	University of Virginia	July 2011
M.S., Astronomy	University of Virginia	May 2008
B.S., Astronomy & Astrophysics with Honors [†]	Pennsylvania State University	May 2006
[†] Recipient of Douglas G. and Regina C. Evans Award for Research Achievement		
B.S., Physics	Pennsylvania State University	May 2006

Research Appointments

Postdoctoral Scholar	McGill University Physics Dept.	Sept. 2011–present
Graduate Research Assistant	University of Virginia Dept. of Astronomy National Radio Astronomy Observatory	Aug. 2006–July 2011
Undergraduate Research Assistant	Pennsylvania State University Dept. of Astronomy & Astrophysics	Sept. 2002–May 2006

Teaching and Supervisory Experience

Graduate Summer Student Co-supervisor	McGill University Physics Dept.	May 2012–Aug. 2012
High School Summer Student Supervisor	McGill University Physics Dept.	July 2012
Graduate Seminar Co-instructor	McGill University Physics Dept.	Jan. 2012–May 2012
Academic Tutor	University of Virginia Athletic Dept.	Oct. 2009–May 2011

Teaching Assistant	University of Virginia Dept. of Astronomy	Sept. 2006–May 2008
Course Instructor	University of Virginia Dept. of Astronomy	July 2007

- Attendee of three teaching workshops at American Astronomical Society conferences held by the Center for Astronomy Education
- Substitute lecturer on over a half-dozen occasions for undergraduate astronomy courses at all levels

Education and Public Outreach Experience

Education and Outreach Chair	NANOGrav & IPTA	Sept. 2012–present
Co-founder and Co-chair of Astronomy Outreach Committee	McGill University Physics Dept.	Sept. 2011–present
The Pulsar Search Collaboratory	National Radio Astronomy Observatory	July 2008–present
Dark Skies, Bright Kids	University of Virginia Dept. of Astronomy	July 2009–July 2011
CLUSTER	University of Virginia Dept. of Astronomy	Sept. 2009–May 2011
May-term Institute	National Radio Astronomy Observatory	May 2010
West Virginia Governor’s School	National Radio Astronomy Observatory	July 2009

- I have presented 16 public lectures on many areas of astronomy to audiences of all ages
- I have helped organize and run nearly a dozen open houses at McGill University and participated in over a dozen more at the McCormick and Fan Mountain observatories, NRAO, and Penn State

First Author Refereed Publications

- Lynch, R. S., Boyles, J., Ransom, S. M., et al. 2012, “The Green Bank Telescope 350 MHz Drift-scan Survey II: Data Analysis and the Timing of 10 New Pulsars, Including a Relativistic Binary”, ApJ in press, arXiv:1209.4296
- Lynch, R. S., Lorimer, D. R., Ransom, S. M., & Boyles, J. 2012, “A Population of Non-recycled Pulsars Originating in Globular Clusters”, ApJ, 756, 78
- Lynch, R. S., Freire, P. C. C., Ransom, S. M., & Jacoby, B. A. 2012, “The Timing of Nine Globular Cluster Pulsars”, ApJ, 745, 109
- Lynch, R. S., Ransom, S. M., Freire, P. C. C., & Stairs, I. H. 2011, “Six New Recycled Globular Cluster Pulsars Discovered with the Green Bank Telescope”, ApJ, 734, 89
- Lynch, R. S., & Ransom, S. M. 2011, “A New Pulsar in Green Bank Telescope Searches of 10 Globular Clusters”, ApJ, 730, L11
- Lynch, R. S., & Charlton, J. C. 2007, “Physical Properties of Weak Mg II Absorbers at $z \sim 2$ ”, ApJ, 666, 64
- Lynch, R. S., Charlton, J. C., & Kim, T.-S. 2006, “A Survey of Weak Mg II Absorbers at Redshift $\langle z \rangle = 1.78$ ” ApJ, 640, 81