**WINTER STORM**
Yearly intensive 2-week student led workshop with:
- Research planning workshops
- Student-led technical courses
- Daily faculty lunch talks
- Professional development workshops
- ‘Science is social’ events

**OUTREACH PROGRAM**
- Many annual events benefiting hundreds of K-12 students and community members
- Helps students and faculty to hone communications skills
- Building networks of professionals

**LANGUAGE SCIENCE DAY**
- Annual celebration of language science at the University of Maryland
- Showcase of research activities and collaborative opportunities
- Present student training possibilities
- Interdisciplinary connections

**TEAMS AND THEMES**
- Focus on 5 big problems within the overarching research direction
- Interdisciplinary teams shaped equally by students and faculty
- Opportunity for students to take the lead in collaborative research

**POLICY INTERNSHIPS**
- Being near Washington DC is a unique opportunity for policy training
- Part-time internships in policy agencies
- Give the students a broader perspective of how science influences societal issues
- Helps to develop communication skills.

**COMMUNICATION TRAINING**
- Systematic activities to develop communication skills
- Collaboration with faculty from UMD’s program in Theater Performance

**PULSAR**
- Undergraduate interdisciplinary program
- Extending graduate model to earlier stages of education
- Graduate students serve as mentors

**CENTERS**
Center for Advanced Study of Language, National Foreign Language Center, Maryland Neuroimaging Center, UMIACS

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**Language Science at the U of Maryland or: How we learned to stop worrying and love interdisciplinarity**

**Language science:**
- Fundamental science of language and applications in education, technology and health.
- Heavily multidisciplinary. UMD LS community includes more than 20 academic units

**Unique challenges:**
- All fields deal with language, but using very different approaches and methods
- Language is so central to human life that it’s easy to overlook how little we know about it

**Central goal of NRT program:** facilitate interdisciplinary collaboration.

**IGERT program** ('08-'15) allowed us to test multiple ways of reaching this goal. 

**Main lessons:**
- Student ownership of the program is absolutely crucial
- Science is social!
- Community building needs to be a sustainable process

**IGERT helped to create a tightly integrated research community**
- Language Science Center
- University-level initiative
- Dedicated staff and space
- 5 student-led committees

However, IGERT interdisciplinary training was focused on individual researchers.

**NRT program takes the next step:** training of interdisciplinary teams

**Training:** preparing entrepreneurial scientists
- Leadership skills
- Communication skills
- Focus on working in large interdisciplinary teams

**Research:** flexible use of language data
- Finding more efficient ways of using existing data (moving beyond Big Data)
- Understanding why humans are so much better at dealing with linguistic data than machines

**DEPARTMENTS**
Computer Science; Electrical and Computer Engineering; Human Development; Teaching, Learning, Policy and Leadership; Hearing and Speech Sciences; Second Language Acquisition; School; Linguistics; Neuroscience and Cognitive Science; Psychology; Philosophy; Communication; English; School of Languages, Literatures and Cultures; Counseling, Higher Education & Special Education

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* in development