

Lisa Anthony, PhD

December 5, 2012

Cultivating Collaborations for Research Success: Colleagues and Publications

About Me



- Lisa Anthony, PhD
- Current Position:
 - 2011-now, Post-Doc, Information Systems, UMBC
- Past:
 - 2008, PhD, Carnegie Mellon University
 - 2008-2010, industry research lab
- Research:
 - Human-computer interaction, child-computer interaction, mobile devices, touch / gesture input

Format of Discussion

- Open discussion-based event
- Tips & Tricks from me
- Ask questions!
- Share stories!

Collaborations & Colleagues

Collaborations during Grad School

- Main collaborator is advisor(s)
 - 80-100%
- Maybe class projects, independent studies, side projects

Collaborations during Post-Doc

- Main collaborator is mentor(s)
 - 50-80%
- Seek out new relationships:
 - Dissertation advisors (but lessening with time)
 - New relationships
 - Within department: other faculty, students (with/without mentor)
 - Outside the department: interdisciplinary
 - Outside the university: workshops, conferences
- **Goal:** To develop research independence (grants)

Time Management

- More than one project at a time means balancing priorities
- Choose a time management system, try out several
 - Getting Things Done (<http://www.gtdtimes.com/>)
 - Pomodoro (<http://www.pomodoratechnique.com/>)
 - 43folders (<http://www.43folders.com/>)
 - ...
 - many more at LifeHacker (<http://lifelifehacker.com/>)

Publication Record

Quantity and Quality

- Break work into smaller pub chunks if possible
 - One study can yield 3-4 publications if done well
 - Retain integrity of the work → do not re-submit same paper to different venues → what is the new story?
- Be clear on your CV what kind of venue it was:
 - * Journal Articles
 - * Refereed Conference Papers
 - ** Special note for short papers
 - * Refereed Conference Poster
 - * Refereed Workshop Papers
 - * Special: Theses, Books, Book Chapters
 - * Other (non-peer-reviewed)
 - * Presentation only (no published proceedings)
- Online pubs may not count as proceedings → ask!!

Co-Authors and Authorship

- Faculty, students, peers
 - Who had idea, who did work, who wrote paper
- Authorship decisions:
 - **Note:** may differ by field
 - First authorship often still important as post-doc to prove you can still 'do the work'
 - Student-led small papers ok
 - Independent study projects
 - Best if you are sole advisor on paper (easily explained)

Reporting Publication Details

- **Bold your name on CV:**

 - Refereed Conference Papers and Notes:**

1. **Anthony, L.**, Brown, Q., Nias, J., Tate, B., and Mohan, S. 2012. Interaction and Recognition Challenges in Interpreting Children's Touch and Gesture Input on Mobile Devices. Proceedings of the ACM International Conference on Interactive Tabletops and Surfaces (ITS'2012), Cambridge, MA, p.225-234.
2. Vatavu, R., **Anthony, L.**, and Wobbrock, J.O. 2012. Gestures as Point Clouds: A $\$P$ Recognizer for User Interface Prototypes. Proceedings of ACM International Conference on Multimodal Interaction (ICMI'2012), Santa Monica, CA, p.273-278.

- **Can also include notes / annotate CV:**

- Star student co-author names
- "When I appear as last author, the work was funded by me."

Know Standards of your Field

- Some fields prioritize conference papers
 - Attendance / presentation increases visibility (year before)
- Some fields prioritize journal papers
 - Long review process, plan ahead
- Put 'under review' or 'in revisions' on CV for appls

Submitted only: Anthony, L., Yang, J., and Koedinger, K.R. Under review. A Paradigm for a Handwriting-Based Intelligent Tutor. Submitted to *International Journal of Human-Computer Studies* for review.

Accepted with revisions: Anthony, L., Yang, J., and Koedinger, K.R. To appear. A Paradigm for a Handwriting-Based Intelligent Tutor. *International Journal of Human-Computer Studies*, to appear.

Timing for the Job Market

- Academic job cycle is very strict
 - Applications: Oct-Dec
 - Interviews: Jan-Mar
 - Offers/Decisions: Apr-May
 - Start date: Jul-Sep
- What publications will be on CV at application time?
- Know what conferences / workshops to attend for networking during fall semester
- **Note:** government and industry may vary

Closing

Final Words...

- Post-doc is ideal time to focus on research → little or no teaching or service → aim for productivity
- Post-doc CVs become very competitive over just-graduating PhDs
 - More publications, more collaborations, more coherent research agenda
 - **Note:** fields range widely in post-docs expectations, ask your mentor!
- **Note:** some universities don't count pre-tenure-track accomplishments toward tenure → ask!!

Thanks!



- Lisa Anthony, PhD
 - lanthony@umbc.edu
 - <http://lisa-anthony.com>