Lawton Pybus
Curriculum Vitæ

PERSONAL INFORMATION

University Affiliation

North Carolina State University
Department of Psychology
Raleigh, NC

Personal Address

2401 Sonora St. #4
Raleigh, NC 27607
(972) 955-9491

Email

lrpybus@ncsu.edu

Website and Portfolio

lawtonpybus.com

EDUCATION

2013 – Present

North Carolina State University
MS / PhD, Human Factors and Applied Cognition
Anticipated graduation in May 2018

2009 – 2012

Abilene Christian University
BS, Psychology (Minor: English)
Summa Cum Laude

WORK EXPERIENCE

Summer 2016

Cabela's
User Experience Intern

RESEARCH INTERESTS

- Technology Adoption
- User Beliefs, Attitudes, and Motivation
- Mental Models and Education
- Usability

PUBLICATIONS

Peer-Reviewed Proceedings

Pybus, L., Welk, A. K., & Gillan, D. J. (2016). Differences in mental model development among psychology and engineering students of a human factors course. *Proceedings of the Human Factors and Ergonomics Society 60th Annual Meeting.* Santa Monica, CA: Human Factors and Ergonomics Society.

Trowbridge, F. A., Pybus, L., Mudrick, N. V., & Taub, M. (2016). Development of a human factors methods blog for an audience of game developers. *Proceedings of the Human Factors and Ergonomics Society 60th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

Pybus, L., & Gillan, D. J. (2015). Implicit theories of technology: Identification and implications for performance. *Proceedings of the Human Factors and Ergonomics Society 59th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

Pybus, L., Taub, M., Furlough, C., & Clark, H. (2014). More information may aid novice users: Usability testing and redesign of the Square Register app. *Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting*. Santa Monica, CA: Human Factors and Ergonomics Society.

PRESENTATIONS

Stokes, T. A., Welk, A. K., Zielinska, O. A., Pybus, L. (November 2016) HFAC internship brownbag. *Departmental presentation, North Carolina State University,* Raleigh, NC.

Pybus, L., Welk, A. K., & Gillan, D. J. (September 2016) Differences in mental model development among psychology and engineering students of a human factors course. *Presented at the 2016 Annual Meeting of the Human Factors and Ergonomics Society,* Washington, DC.

Pybus, L., Grenhart, W. C. M., Zhang, S., McLaughlin, A. C., Allaire, J. C. (April 2016). Mindsets of technology ability, age, and cognition correlates. *Poster presented at The Cognitive Aging Conference*, Atlanta, GA.

Pybus, L., Welk, A. K., & Gillan, D. J. (February 2016) Assessing prior knowledge and mental model development in the classroom. *Presented at the meeting of the North Carolina Cognition Group*, Wake Forest University, Winston-Salem, NC.

Pybus, L., Scholcover, F., & Creager, J. (February 2016). Getting started with R. *Departmental presentation, North Carolina State University,* Raleigh, NC.

Pybus, L., & Gillan, D. J. (November 2015). Mindsets & technology. *Departmental presentation, North Carolina State University,* Raleigh, NC.

Pybus, L., & Gillan, D. J. (October 2015). Implicit theories of technology: Identification and implications for performance. *Presented at the 2015 Annual Meeting of the Human Factors and Ergonomics Society,* Los Angeles, CA.

Pybus, L., & Gillan, D. J. (October 2015). Implicit theories of technology: Identification and implications for performance. *Presented at the Carolina Chapter of the Human Factors and Ergonomics Society,* Raleigh, NC.

Pybus, L. (2014). Understanding your research population through surveys and interviews. *Guest lecture (FLE 101, ENG 101)*, North Carolina State University, Raleigh NC.

Pybus, L., Taub, M., Furlough, C., & Clark, H. (October 2014). More information may aid novice users: Usability testing and redesign of the Square Register app. *Poster presented at the 2014 Annual Meeting of the Human Factors and Ergonomics Society*, Chicago, IL.

Pybus, L., & Gillan, D. J. (March 2014). Can mindsets affect technology interaction? An attempt to identify fixed and growth mindset differences among technology users. *Poster presented at the meeting of the North Carolina Cognition Group*, Duke University, Durham, NC.

MEDIA COVERAGE

Sneed, A. (2015, December 21). Why Your Parents Are So Bad At Tech. *Fast Company Design*. Retrieved from: http://www.fastcodesign.com/3054816/evidence/why-your-parents-are-so-bad-at-tech

Shipman, M. (2015, November 19). Are People Inherently Good or Bad at Learning New Tech? Your Opinion Matters. *NC State News*. Retrieved from: https://news.ncsu.edu/2015/11/gillan-tech-mindset-2015/

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

2013 – Present	Human Factors and Ergonomics Society
2013 – Present	Human Factors and Ergonomics Society, NCSU Student Chapter President (2013 – 2014)
2013 – Present	Triangle User Experience Practitioners Association
2013 – Present	Graduate Association for Students in Psychology Human Factors Area Representative (2013 – 2015)
2017	First Annual SHARC (Southeastern Human Factors Applied Research Conference) – Assisting Coordinator

COURSEWORK

Human Factors Psychology
Human-Computer Interaction
Design as Cognitive Artifact
Ergonomics Performance Assessment *(continued on next page)*

Cognitive Processes
Evolutionary Psychology
Perception
Attention
Training and Skill Acquisition
Affect and Cognition
Advanced Social Psychology
Statistics
      Univariate and ANOVA
      Multivariate and Regression
      Multilevel Modeling

TEACHING EXPERIENCE

Instructor of Record

Ergonomics (PSY 340)
- Fall 2014 (25 students)
- Spring 2015 (20 students)
- Summer 2015 (6 students)
- Fall 2015 (32 students)
- Spring 2016 (27 students)
- Spring 2017 (32 students)

Assistive Roles

Introduction to Psychology (PSY 200, online section)
- Spring 2014 (114 students)

Research Methods in Psychology (PSY 230, online section)
- Fall 2013 (34 students)

Peer Mentor (assistive support for all graduate instructors in psychology)
- Fall 2017

REFERENCES

Dr. Douglas J. Gillan, graduate advisor
(919) 515-1715 • djgillan@ncsu.edu

Dr. Anne Collins McLaughlin, human factors area coordinator
(919) 513-2434 • anne_mclaughlin@ncsu.edu

Mark Conde, Sr. UX Researcher at Cabela's
(720) 664-4860 • mark.conde@cabelas.com