THE UNIVERSITY OF TEXAS AT AUSTIN

Cockrell School of Engineering

Resume

FULL NAME: [NAME] TITLE: [TITLE]

ENDOWED POSITION:

DEPARTMENT: Aerospace Engineering and Engineering Mechanics

EDUCATION:

University of Manitoba Mechanical Engineering B.S. 1985

Devries University Engineering Mechanics M.S. 1986

Stanford University Mechanical Engineering Ph.D. 1991

PROFESSIONAL REGISTRATION: Not Registered

CURRENT AND PREVIOUS ACADEMIC POSITIONS:

Assistant Professor, The University of Texas at Austin, Department of Aerospace Engineering and Engineering Mechanics, September 2017 – present.

OTHER PROFESSIONAL EXPERIENCE:

Combustion Research Facility, Post-Doctoral Fellow, April 1991 - January 1993

CONSULTING:

Company, dates.

MEMBERSHIPS IN PROFESSIONAL AND HONORARY SOCIETIES:

Member, American Society for Engineering Education, 2016-2017

PROFESSIONAL SOCIETY AND MAJOR GOVERNMENTAL COMMITTEES, EDITORIAL BOARDS, AND CONFERENCES ORGANIZED/CHAIRED:

Outside Committees

Member, AIAA Fluid Dynamics Technical Committee, 2001-2002

Conference Activities

Member, Technical Program Committee, 54th Annual Meeting, Division of Fluid Dynamics, American Physical Society, November 2002.

Journal Activities

Editor-in-Chief, *Experiments in Fluids*, January 2009 – January 2013

OTHER PROFESSIONAL HIGHLIGHTS:

Member of NSF Panel for Equipment Grant Program, 1994

**Review Activities:**

*Journal of Propulsion and Power*

*Optics Letters*

*ARO Proposals*

DOE Proposal

AFOSR *Proposals*

Current Review Activities:

*Science*

UNIVERSITY COMMITTEES/ADMINISTRATIVE ASSIGNMENTS:

Administrative Assignments

Minority Liaison Officer, 2002-2012

University

Faculty Awards, 2012

Cockrell School of Engineering

Student awards, 1999 − 2000

Department

ASE Co-op Advisor, 1999 − 2000

HONORS AND AWARDS:

Best paper award, 2012

**PUBLICATIONS:**

**Refereed Journal Publications**

1. Doe, John and Doe, Mary, “Why I like myself,” Journal of Psychology, vol. 33, No. 3, pp. 234-235, 2013.
2. Doe, John and Johnson, Marcy, “Why I don’t like myself,” Journal of Psychology, vol. 34, No. 2, pp. 1234-1235, 2014.

**Submitted Refereed Journal Publications**

1. Oldest first

Refereed Conference Proceedings

1. Oldest first

Other Major Publications

1. Author(s), “Title of Publication,” date.

Books (Authored/Co-Authored, Edited/Co-Edited)

1. Author(s), *Title of Book*, or “Title of Chapter,” editors/publishers, date.

Book Chapters (Authored/Co-Authored, Edited/Co-Edited)

1. Oldest first

Reviews

1. Author(s), “Title of Review,” date.

Technical Reports

1. Author(s), “Title of Report,” date.

ORAL PRESENTATIONS:

1. Oldest first

PATENTS/COPYRIGHTED SOFTWARE:

1. none

RESEARCH TOPICS

*Science*

GRANTS AND CONTRACTS

1. “Continuous and Hybrid Methods,” NSF, co-PI, total funding $300,000, Bullock’s share $150,000, 3/31/2015--3/30/2018.

CONSULTING:

Shaw Energy and Chemicals Group, Houston, TX: Consulted on design of swirl-flow reactors, July 23 and Aug. 16, 2010.

CONTINUING EDUCATION:

Center for Teaching Effectiveness, “Documenting your teaching accomplishments via a teaching portfolio,” Feb. 2014.

ADDITIONAL TEACHING ACTIVITIES:

Supervised 2 undergraduates in research (1994/1995)

PH.D. SUPERVISIONS COMPLETED:

1. Smith, John, May 2000, “An Experimental Study of the Flow Structures and Hydrodynamic Forces of a Cylinder in a Reversing Flow”

M.S. SUPERVISIONS COMPLETED:

1. Smith, Jimmy, May 2012, “Structural dynamics”

PH.D. SUPERVISION IN PROGRESS:

M.S. SUPERVISION IN PROGRESS:

OTHER STUDENT RESEARCH COMMITTEES (Current):

Ph.D. Committees - 4

M.S. Committees - 2

POST DOCTORAL FELLOW SUPERVISION:

Trump, Donald, Ph.D., 1995-97

OTHER RESEARCH SUPERVISION:

Pence, Michael, Undergraduate Assistant, 2012-2013

Bob Bullock, Assistant Professor

The University of Texas at Austin

Department of Aerospace Engineering and Engineering Mechanics

 Dr. Bob Bullock received a B.S. in Mechanical Engineering from the University of Manitoba in 2002. He received M.S. and Ph.D. degrees from the Department of Mechanical Engineering at Devries University and Stanford University in 2003 and 2007, respectively. From 1991 to 1993 he worked as a post-doctoral fellow at Sandia National Laboratories, CA. Dr. Bullock is currently an Assistant Professor in the Department of Aerospace Engineering and Engineering Mechanics at the University of Texas at Austin. His teaching involves undergraduate and graduate courses in theoretical and experimental mechanics. His areas of research include … His research is, or has been, supported by the National Science Foundation, NASA … In 2015 he received the NSF CAREER Award. He also received the College of Engineering’s award for “Outstanding Teaching by an Assistant Professor” in 2016.