

Joseph Craig Tompkins  
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## Education

M.F.A., Electronic Arts, Rensselaer Polytechnic Institute, 2009  
Concentrations: 3D Modeling and Animation, Art Theory

B.F.A., Media: Film and Video, University of Oklahoma, 2006  
Concentrations: Film and Video, Minor in Art History

## Teaching Experience

- 2010: Adjunct Faculty at Institute of American Indian Arts  
Course: Advanced Graphic Design  
Course: Special Effects and Compositing
- 2007: Teaching Assistant at University of Oklahoma  
Course: Digital Media for Studio, Associate Professor Bob Dohrmann
- 2007: Teaching Assistant at Rensselaer Polytechnic Institute  
Course: Digital Imaging I, Assistant Professor Rich Pell
- 2006: Teaching Assistant at Rensselaer Polytechnic Institute  
Course: IT and Creativity, Associate Professor Tomie Hahn

## Professional and Relevant Experience

- 2010 – Contract Physical Modeling Design: Rich Pell – Carnegie Mellon University  
Completion of two scale models including the Svalbard Seed Bank in Norway and the commercial fish farm of Meyer Aquatic Resources in Gibsonton, FL
- 2010 – Contract Video Editing: Orlando Leibovitz – Art Director Santa Fe Complex  
Completion of a video presentation outlining exhibitions at the Santa Fe Complex for grant retention
- 2010 – Contract 3D Animation: Ethan Bach – Institute of American Indian Arts  
Completion of a 3D animation demonstrating the full dome at IAIA
- 2010 – Contract 3D Concept Art: Wafaa Bilal – New York University  
Completion of concept art for installation titled *Third Eye*
- 2010 – Contract Physical Modeling Design: Jim Finn – Emerson College Boston, Massachusetts  
Completion of a scale model of the Viet Cong Tunnels in Vietnam
- 2010 – Contract 3D Character Modeling: Shawn Lawson – Rensselaer Polytechnic Institute  
Completion of Character Models for a 3D version of Eugene Delacroix's painting,  
*The Death of Sardanapalus*
- 2009 – Contract 3D Animation: Helen Day Art Center – Stowe, Vermont  
Completion of 3D fly through of *Mghaisil* (Morgue) by Wafaa Bilal

- 2009 – Contract Physical Modeling Design: Wafaa Bilal – New York University  
Completion of a scale model of the Al-Askari Mosque's dome as part of the *Ashes* series titled *Samarra*
- 2009 – Contract Research Assistant: Wafaa Bilal – New York University (ongoing)  
Duties: Research and compile course syllabi and lectures, design assignments  
Courses: Performing the Problematic, Expanding Digital Possibilities, Urban Photography
- 2008 – Contract Physical Modeling: Rich Pell – Carnegie Mellon University  
Completion of a scale model of a transgenic goat farm for an exhibition titled the *Hall of Transgenic Organisms of Upstate New York*, shown at the Schenectady Science Museum in Schenectady, New York.

### Awards and Honors

- 2006 – 2008 Rensselaer Polytechnic Institute Electronic Arts Graduate Fellowship
- 2005 – More Than Minutes Contest, Bulletin of Atomic Scientists: *Seven Minutes to Midnight*, 1<sup>st</sup> Place Award (Website)
- 2003 – 2005 University of Oklahoma Ben Barnett Scholarship

### Publications

- Blood and Thunder: Musings on the Art of Medicine. 2010 Issue. Artworks: Transpose MR and MRI
- Bulletin of the Atomic Scientist. November/December 2005, Volume 61, No. 6. 1980 – Six Minutes to Midnight

### Juried Exhibitions/Screenings

- 2010 – Dynamic Formulations, Dekalb, IL: *Transpose MR* (3D Animation)
- 2010 – Fonlad #6 Virtual Humanities, Coimbra, Portugal: *Transpose MR* (3D Animation)
- 2010 – Artificial Selection at 516 Arts, Albuquerque, NM: *Davison Grant Genetics* (3D Illustrations)
- 2008 – Plugged In, Hudson, NY: What Happens Next? *Icarus Flux* (Animation)
- 2008 – Beacon Sitelines Festival, Beacon, NY: What Happens Next? *Icarus Flux* (Animation)
- 2008 – Emergent Artists Show at Mainsite Gallery, Norman, OK: DG Genetics (3D Illustrations)
- 2008 – Path of Light: 2008 Iridescence Conference, Phoenix, AZ: *Waves* (3D Animation)
- 2007 – NYNYNY, Flux Factory New York City: *Transhuman Mall* (3D Animation)
- 2007 – Obsequi, St. Joseph's Cathedral Albany, NY: *Icarus Flux* (Animation)
- 2006 – 2:13 Festival, Athens, Greece: Aural/Inner (Digital Video/Animation)
- 2005 – Red Bank International Film Festival, West Long Branch, NJ: *Hazmat Attack!* (Digital Video/Animation)
- 2005 – Gaffers Film Festival, Sacramento, CA: *Hazmat Attack!* (Digital Video/Animation)

2004 – Dead Center Film Festival, Oklahoma City, OK Documentary Category: *Squatch* (Digital Video)

2004 – Dead Center Film Festival, Oklahoma City, OK: *Only A Moment* (16mm Color)

### Invitational Exhibitions/Screenings

2009 – Igor's Opus, Albany, NY: *Distance to the Body* (Digital Prints)

2009 – Graduate Thesis Show, Center for Biotechnology Troy, NY: *Transpose MR* (Multimedia Sculpture)

2009 – Schenectady Science Museum, Schenectady, NY with Rich Pell: *Hall of Transgenic Organisms of Upstate New York: Transgenic Goat Farm* (Physical Model)

2008 – Fulton Street Gallery, Troy, NY: *Distance to the Body* (Digital Prints, Video and Sculpture)

2007 – RPI BioArt Initiative, Center for Biotechnology, Troy, NY: *Icarus Flux* (Animation)

2007 – Involuntary, RPI EART Show, Troy, NY: *Untitled* (Multimedia Sculpture)

2006 – Exhibitool, RPI EART Show, Troy, NY: *Sanitarium* (Multimedia Sculpture)

2005 – Honors Thesis Exhibition, Norman, OK: *Action Potential* (Audio/Sculpture Installation)

2005 – OU School of Art Capstone Exhibition, Norman, OK: *Floaters* (Audio/Sculpture Installation)

2004 – OU Documentary Film Screening: *Minnow: A Documentary* (Digital Video)

2004 – The Yard, an Installation Event, Norman, OK: *Gryllus* (Audio Installation)

2003 – *Tactile Cartographic Mediation*, Norman, OK: Independent Exhibition (Installation)

2003 – *Office*, Norman, OK: Independent Exhibition (Installation)

### Skill Sets

- 3D Modeling and Animation using Autodesk Maya and Autodesk Mudbox
- Audio Editing and Production using Ableton Live, Bias Peak, Reason, Pro Tools
- Digital Imaging using Adobe Photoshop and Adobe Illustrator
- Video and Animation Compositing using Adobe Aftereffects and Apple Motion
- Video Editing using Apple Final Cut Pro Suite
- DVD production using Apple DVD Studio Pro
- Website Production using Adobe Dreamweaver
- Automated Design using Adobe Illustrator in conjunction with CAD and a Laser Cutter
- Familiarity with Sony and Canon HD video cameras
- Familiarity with digital SLR photography equipment
- Familiarity with 16mm film cameras: Bolex, Arriflex 16bl and Arriflex S, Cinema Products CP-16
- Familiarity with Film and Video lighting and sound equipment
- Apple Mac computer systems

## Professional References

Shawn Lawson – Associate Professor of Computer Visualization at Rensselaer Polytechnic Institute

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Troy, NY 12180

Wafaa Bilal – Assistant Arts Professor at Tisch School of the Arts at New York University

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Address: 721 Broadway, 8<sup>th</sup> Floor

New York, NY 10003

Bob Dohrmann – Associate Professor at University of Oklahoma

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840 Asp Ave.

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