

Tiffany Ng

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Education **University of California, Berkeley** (Berkeley, CA) 2008-2015 (anticipated)
Ph.D. and M.A. in Musicology with a Designated Emphasis in New Media

The Heritage of the Future: Musical Historicism/Musical Technology and the Cold War
Richard Taruskin (chair), James Q. Davies, Abigail De Kosnik, and Steven Feld

Eastman School of Music (Rochester, NY) 2006-2008
M.M. in Organ Performance & Literature + Arts Leadership Program (ALP) Certificate

Royal Carillon School "Jef Denyn" (Mechelen, Belgium) 2005-2006
Licentiate in carillon (*magna cum laude*; first perfect thesis score in school history)

Yale University (New Haven, CT) 2001-2005
B.A. in Music and English (2005 Lloyd Mifflin Prize for outstanding work in English)

Current Employment **St. Olaf College** (liberal arts college in Northfield, Minnesota) 2014-2015
Visiting Instructor of Music History (Consortium for Faculty Diversity Fellow)

Publications "The Sonic Transformation of Urban Space into Game Space: (book proposal nearing approval)
Journey to the End of the Night in San Francisco, 2010-2011"

Chapter for scholarly anthology on Alternative Reality Games (ARGs) examining the nexus of urban sound and the digital in street game design.

Directory of Carillons in North America Published annually since 2011
Illustrated public outreach book for the nonprofit Guild of Carillonneurs in North America (GCNA)

Review: "The 2011 GCNA and WCF [World Carillon Federation] Congresses,"
in the *Bulletin of The Guild of Carillonneurs in North America*, v. 60: 7-19. 2011

Adagietto, carillon composition published by the GCNA (Gainesville, FL) 2007

Tintinnabulation! Exhibit Catalog, Yale University Collection of Musical Instruments 2006
Curated and published the exhibit catalog for *Tintinnabulation!*, an ongoing exhibit of highlights from the Robyna Neilson Ketchum Collection of Bells now in its eighth year.

Catalog of the Municipal Carillon Museum of Mechelen (Belgium) 2006
366-entry multimedia CD-ROM catalog of museum's complete collections.

Conference Papers & Talks on Music & New Media "The Heritage of the Future at Philips Electronics" March 2015
Paper on music and the history of science in the Netherlands to be read at "Postmodernity's Musical Past: Rediscoveries and Revivals after 1945" conference at CUNY Graduate Center, New York.

- Panel: "Interdisciplinarity in Graduate Education" November 2014
Invited panelist of the AMS Committee on Graduate Education at the conference of the American Musicological Society in Milwaukee, WI.
- "Back To The Future: Towards a Neo-Retro Musicology" October 2014
Invited speaker at the Carleton College "re:composition" electronic music lecture series.
- "Listening to China's Self-Construction: The Chinese Performing Arts Center Building Building Boom" October 2014
Paper to be read on the interdisciplinary panel "Acoustemologies" at the annual meeting of the Society for Comparative Literature and the Arts (SCLA) at Eckerd College, FL.
- "Electric Organology: Hammond and the Federal Trade Commission, 1936-1938" April 2014
Paper read at "Bone Flute to Auto-Tune: A Conference on Music & Technology in History, Theory and Practice" at UC Berkeley.
- Invited speaker: "Publication Mismatches: Is There A Common Currency for Academic Credit?" Session: "Making the Un-publishable Public" (University of California, Davis) April 2014
- Invited lecturer: "The Orchestra and the Future of Work" (The Institute For The Future) April 2014
- Invited panel speaker: "Interactive Data Sonification" (Exploratorium, San Francisco) January 2014
- Panel: "Polartide: A crowdsourced carillon concert," UC Berkeley Townsend Center for the Humanities Dec. 2013
Co-discussant with artist Greg Niemeyer (UC Berkeley), composer Chris Chafe (CCRMA), and engineer Perrin Meyer (Meyer Sound) on our participatory concerts to sonify rising sea level data.
- "Building Organs for the Future with a Respect for the Past" roundtable, UC Berkeley Nov. 2013
Invited discussant with organ builders and performers at inauguration of 3-manual Noack Organ
- "Music at Philips Electronics (Eindhoven, the Netherlands), 1950-1988" February 2013
Poster presented at the Electrical Engineering and Computer Science (EECS) department's Berkeley EECS Annual Research Symposium (BEARS) Poster Session for the Bay Area tech industry.
- "An Instrument of Urban Planning: Bells and the Sonic Remediation of Community Space in the Southeastern United States" November 2012
Paper read at the joint conference of the American Musicological Society, Society for Ethnomusicology, and Society for Music Theory on the joint-society panel "**The City is a Medium**" chaired by Alexander Rehding with respondent Veit Erlmann, in New Orleans, LA.
- "The Lingering Community Crisis of the Dematerialized Belfry" April 2012
Paper read at "Music and Crisis" conference hosted by the Center for the Interdisciplinary Study of Music at the University of California, Santa Barbara.
- "PFEIFEN KLATSCHEN LACHEN: The Graphic Notation of Contemporary Organ Music" April 2012
Invited lecture at "Historical Eclecticism: Organ Building and Playing in the 21st Century," sponsored by the Westfield Center for Early Keyboard Studies and the University of Houston.
- "Sounds of Remembering and Forgetting: Economies of Death and Memorialization in Two American Bell Towers" March 2011
Paper read at the history conference "Nostalgia and Amnesia: Avenues of Remembering and Forgetting" at Claremont Graduate University in Claremont, CA.
- "Conserving Historical Carillons" October 2008
Lecture-recital at the 2008 Organ Historical Society/EROI Festival in Rochester, NY.
- "Rethinking Carillon Education in America" June 2006
Panel chair of discussion reconsidering the American carillon education system.

Teaching Experience

Visiting Instructor of Music History, St. Olaf College 2014-2015

Music Onscreen: Music in Film & Media from Hollywood to YouTube (upper division "Writing In the Major" course): Music and sound analysis from classical Hollywood cinema to mobile screen culture.

Baroque Music (upper division Writing in the Major course): Repertoire and instruments of the Baroque, with inquiry into non-Western influences on musical practice and instrument building.

From Automata to Auto-Tune: A Long History of Music Technology: First-Year Writing course combining intensive writing workshops with making creative projects using sound technologies.

Graduate Student Instructor, UC Berkeley 2010-2014

Questioning New Media (New Media 201): graduate seminar **syllabus designer** and **Teaching Associate** (led 4 of 12 meetings) with robotics professor Ken Goldberg of a Core Course for the Ph.D. concentration in New Media, centered on critical engagement with visiting guest speakers in the Art, Technology & Culture Colloquium lecture series on new media, sound art, and critical theory.

Critical Making: Materials, Protocols, and Culture (New Media 290/Computer Science 294): In this studio/lab, students digitally fabricate new media and sound objects that critique sociocultural themes like privacy, healthcare, and social justice. Beyond technical guidance, I served as **discussion leader** for humanities-centered sections in this Core Course for the Ph.D. concentration in New Media, complementing Electrical Engineering & CS Prof. Eric Paulos's teaching.

Music Now – taught computer labs that developed student listening and composition skills using interactive software designed with the programming language MaxMSP.

Introduction to Western Music (2 semesters)

History of Western Music – The 20th Century (Upper Division)

Music in American Cultures (2 semesters) – ethnomusicology survey focused on diversity, ethnicity, and gender issues in transnational context

Invited Carillon Master Class Teacher, Yale University and Mayo Clinic (Rochester, NY) 2009 / 2014

DeCal Carillon Instructor & History Lecturer, UC Berkeley 2008-present

I mentor the students who organize this carillon course through the DeCal Program, which enables students to teach registered courses to fellow students. I also teach lectures and advanced lessons.

Assistant Carillon Instructor, Roosevelt Academy University (Middelburg, Netherlands) summer 2007

Eastman Computer Music Center Teaching Assistant, Eastman School of Music 2006-2008

Individual lab instruction and lecturing for the two-semester graduate-level sequence **Introduction to Computer Music Techniques, levels I and II** (2 semesters each); concert organizing, publications, and marketing for the yearlong ECMC 25th Anniversary Concert Series; technology acquisitions.

Teaching: Interests & Training

Academic Course Topics

Immediately prepared to teach:

From Automata to Auto-Tune:	20 th and 21 st Century Music	Introduction to Film Music
A History of Music Technology	History of Electronic Music	Introduction to Western Music

With further preparation:

Music & Visual Culture Sound and New Media Studies Opera & Film

Applied Music Teaching Experience – organ; carillon; new music performance; computer-augmented performance; introduction to computer music techniques.

Pedagogy Week, Center for Innovation in the Liberal Arts, St. Olaf College August 2014

Completed two weeks of pedagogy and teaching training for new St. Olaf faculty.

"Social Media and Peer Learning: From Mediated Pedagogy to Peeragogy" Jan./Feb. 2012

Participated in online seminar with Howard Rheingold (Stanford) on adapting social media to learner-centered, peer-to-peer collaborative synchronous/asynchronous learning. Collaboratively generated an editable peeragogy handbook to help self-learners initiate group learning.

"Professional Preparation for Teaching Assistants in Music," UC Berkeley (MUS 300) Spring 2009

Took seminar on teaching in the discipline, completed online course on Professional Standards and Ethics in Teaching, and attended a daylong Teaching Conference for Graduate Student Instructors.

"Preparing Future Music Faculty," Eastman School of Music (MUE 504) Fall 2007

Took Music Education seminar on curriculum and syllabus design, teaching methods for diverse learning modes, assessment methods, and understanding student feedback.

Curriculum Design

Graduate Chair, Executive Committee of the Berkeley Center for New Media (BCNM) 2012-2014

Revised the graduate academic program, developed an undergraduate certificate program, and developed grants for interdepartmental student collaboration and conferences.

Voting Member (elected), Graduate Council of the Academic Senate, UC Berkeley 2011-2012

Served with faculty on UC Berkeley's primary policymaking body for graduate education. Conducted reviews of graduate degree groups, new Designated Emphases (Ph.D. minors), urgent issues in graduate education such as online degrees. Spotlighted difficulties faced by under-represented groups in Working Group on Trends in Graduate Student Experiences' campus report.

Instructor of Carillon, University of Rochester 2007-2008

I established an undergraduate instructional program for the Music Department that revived its years-silent carillon, and I identified a successor who has continued my program building work.

Explorations in Technology Teacher, Ulysses S. Grant Summer Program, Yale University 2003

Developed and taught courses in accelerated math, building desktop computers, and website programming for high-performing disadvantaged New Haven middle- and high-school students.

Concerts & Media Art

Associate Carillonist, UC Berkeley 2008-present

Weekly and special recitals championing new music. Press coverage includes NPR, *San Francisco Chronicle*, 世界新聞網, European newspapers, and a daylong berkeley.edu homepage feature.

Carillon & Organ Recitalist, freelance 2005-present

93 concerts in 12 countries across Europe, North America, and Asia since 2005. **Highlights:** "Triple CCRMAlite: 40, 50, 80" festival at Stanford University/CCRMA (Oct. 2014); the XXI International Carillon Festival Barcelona (July 2014); 9-day electroacoustic music residency at 23rd International Carillon Festival, Bok Tower Gardens, Lake Wales, FL (March 2014); audience-participatory carillon performance of Greg Niemeyer and Chris Chafe's 2013 Venice Biennale new media installation *polartide* (Dec. 2013); organist, "The Polychoral Splendors of Renaissance Florence," dir. Davitt Moroney, at Cal Performances (2012); solo organ recital featuring guest composer Richard Felciano at St. John's Presbyterian Church in Berkeley, CA (2010); opening recital, 2008 Post-Congress Festival of the World Carillon Federation in Lommel, Belgium.

World premieres of 20 acoustic and electroacoustic works for carillon or organ by Charles Wuorinen (forthcoming), Jaron Lanier (forthcoming), Adrian Freed (forthcoming), Ken Ueno, Chris Chafe, Steven Rice, Paul Coleman, Nils Bultmann (video art), Jeff Treviño, et al; revived carillon works by Robert Morris and Kaikhosru Sorabji.

**Cultural Promoter
& Scholarly
Projects Leader**

- Co-organizer/grant-writer, "Musical Dialogues: A Student Artistic Research Symposium"** 2015
Co-organizer with St. Olaf and Carleton College faculty of a collaborative symposium. Broadening the Bridge Grant for Inter-College Collaboration pending approval.
- International Open Culture Art Contest: Hack The Bells** 2014
Co-organizer with recent Wikimedia Foundation member Sarah Stierch of a major contest for Creative Commons-licensed carillon-inspired artwork in any medium.
- New Media Working Group Co-Facilitator** with film studies Ph.D. candidate Chris Goetz 2012-2014
We organized interdepartmental meetings to discuss the work of students and guests, plus professional development/digital humanities workshops. Funded by Townsend Humanities Center.
- Art, Technology & Culture Colloquium Event Manger, UC Berkeley** 2012-2014
Publicity, social media, logistics, fundraising for a free monthly public lecture series featuring major new media artists and scholars; videography, editing, and archiving of talks at the Internet Archive.
- Assistant Director, Women in Music Festival, Rochester, NY** 2007-2008
Concert management, local artist recruitment, marketing, graphic design, and community outreach to spotlight women composers, including a guest composer, and women performers.
- Co-Director, Contemporary Organ Music Festival, Rochester, NY** 2006-2008
Developed festival concept with Randall Harlow and organized collaborative concerts and visiting composer talks with the Eastman Computer Music Center.
- Planning Committee Co-Chair, 64th Congress of the Guild of Carillonneurs in N. America** 2004-2005
Organized concerts and lectures, arranged two campus museum exhibits, and found corporate sponsorship for the 2006 GCNA Congress at Yale University.

**Selected
Academic Honors**

- Consortium for Faculty Diversity Fellowship (St. Olaf College) 2014-2015
- Outstanding Graduate Student Instructor Award (UC Berkeley) 2013-2014
- Peter Lyman Graduate Research Fellowship in New Media 2014
- UC Berkeley Arts Research Center Fellowship with artist Greg Niemeyer 2013
- E. Power Biggs Fellowship of the Organ Historical Society 2013
- Ronald Barnes Memorial Scholarship for carillon studies 2012-2014
- Westfield Center for Early Keyboard Studies best paper award 2012
- University of California Predoctoral Humanities Fellowship 2008-2010
- Eastman School of Music Graduate Award 2006-2008
- Belgian American Educational Foundation Fellowship 2005-2006

**Professional
Service**

- Selection Committee, E. Power Biggs Fellowship of the Organ Historical Society** 2014
- Article Editor, Repercussions** special journal issue with guest editor Jonathan Sterne 2012-2013
- Secretary-Treasurer, Northern California Chapter of the American Musicological Society** 2011-2012
Organized 3 chapter meetings, adding an Education Roundtable and a new music concert to address the interests of a diverse membership. Managed finances and Ingolf Dahl Award.
- Search Committee, Digital Media Arts & Technology faculty search, UC Berkeley** 2011-2012
- Directory Committee Chair** of the Guild of Carillonneurs in North America 2010-present

Mentoring	Mentor , the Ivy League Connection, for high-performing disadvantaged Richmond, CA high school students	2012-2014
	Mentor , UC Berkeley ASUC Undergraduate/Graduate Mentoring Program, for future graduate school applicants	2010-2013
	Game Theory Academy interview coach for disadvantaged Oakland, CA youth; Achieve Learning college applications mentor in Richmond	2010-2014
Diversity & Access Advocate	Invited speaker , St. Olaf College Diversity House	October 2014
	Eastman School of Music Diversity Committee	2011-2013
	Lower Sproul Program Committee, UC Berkeley	2010-2012
	Met biweekly to make design and budgeting decisions for construction of \$230 million student union and plaza . Advocated for underserved student needs such as family-friendly facilities.	
	Rules Officer and Delegate Assembly Chair , UC Berkeley Graduate Assembly	2010-2011
	I efficiently chaired contentious monthly meetings of 100+ delegates from all graduate programs to vote/act on local/state/national resolutions pertaining to graduate education, and negotiated the equitable reform of student activity funding distribution.	
Private Sector & Nonprofit Work	Board of Directors , Yale Club of San Francisco	2011-2014
	Yale Day of Service site coordinator; performing arts co-organizer. Helped YCSF earn the Association of Yale Alumni's Outstanding Major Cities Award (2013) and Emerging Leaders Award (2011).	
	Joint Incorporator & Vice President , Berkeley Graduate Student Foundation	2010-11
	Helped establish a nonprofit 501(c)(3) foundation in partnership with University Relations	
	Graphic Design Intern , Museum Partnerships Program, Yale University Press	2005
	E-commerce Intern (programming, web design, marketing), Off The Map Press	2001-2005
	Microbiology Research Assistant , University of California, San Francisco	2001, 2002
	Protein analysis of <i>Bartonella quintana</i> bacteria (Division of Infectious Diseases P.I.: Jane Koehler)	
Research Interests	Western classical music in contemporary China; historical keyboard studies; electronic music; music, politics, & diplomacy; music & urban planning; global cities; 20 th and 21 st century music; new media history & theory; film music and sound; opera stagings; media archaeology; digital humanities	
Languages	English (native); Dutch (read/spoken); French (read/spoken); Mandarin and Cantonese Chinese (spoken)	

Reference List for Tiffany Ng

Professor Richard Taruskin (dissertation committee chair)

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University of California, Berkeley
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510-642-6185

Professor James Q. Davies

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University of California, Berkeley
104 Morrison Hall #1200
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94720-1200
510-643-6233

Professor Abigail De Kosnik

Berkeley Center for New Media
University of California, Berkeley
426 Sutardja Dai Hall
Mail Code: MC1758
Berkeley CA 94720, USA

Professor Edmund Campion (teaching reference)

Center for New Music and Audio Technologies (CNMAT)
University of California, Berkeley
1750 Arch Street
Berkeley CA 94720, USA
510-643-9990

Professor Emeritus William Porter (performance reference)

Department of Organ & Historical Keyboards
Eastman School of Music