

CURRICULUM VITAE
CLEMENT L. CHAU

Clement L. Chau
(e) clement.chau@tufts.edu

EDUCATION

Tufts University, Eliot-Pearson Department of Child Development, Medford, MA
Ph.D. in Applied Child Development (Expected) 2010
Concentration: New Technologies and Human Development

Tufts University, Eliot-Pearson Department of Child Development, Medford, MA
M.A. in Applied Child Development 2006
Concentration: New Technologies and Human Development
Thesis: "Associations between Online Civic Engagement and Personal Characteristics among Late Adolescents"
Abstracted at: *Masters Abstracts International*, 44(6), 3006

Washington University in St. Louis, MO
B.A. in Music and Psychology 2004
Areas of Concentration: (Music) Early 20th century analysis; (Psychology) Developmental
Minor: Computer Science
Thesis: "Paul Hindemith: His Life, His Teaching, and His Music"

AWARDS AND FELLOWSHIP

- Outstanding Contribution to Undergraduate Education Award, Tufts University 2006
- Dignity of Difference Award, Washington University in St. Louis 2004
- Fischlowitz Travel Fellowship (\$5,000), Washington University in St. Louis 2003
- Summer Leaders Fellowship (\$3,000), Washington University in St. Louis 2002

TEACHING EXPERIENCE

Massachusetts Institute of Technology, Cambridge, MA
Instructor – Teens Workshop (Spring Break) Feb 2009
Course: Teens Media Literacy & Multimedia Workshop
Directed and taught a spring break workshop for 7th to 10th grade students focusing on media literacy and multimedia projects. Planned curriculum and organized all workshop activities, including recruitment, communication with parents. Facilitated conversations between participants and technology developers for usability purposes.

Instructor – Weekend youth course (Semester) Fall 2008
Course: Creating Your Techno-Biography
Taught and developed a semester long course for 7th to 10th grade students about reflecting on their technology use and their technological competence. Created curriculum that leveraged multimedia tools and multimedia elements to teach about media literacy and ethics.

Tufts University, Medford, MA
Guest Lecturer – to Ms. Cynthia Davis (Summer Session) Summer 2007
Course: The Psychology of Student Learning (Graduate)
Gave lecture on issues related to educational and instructional technologies, and the impact of technology on children's learning, with particular attention on contextual factors, teacher's role, and current trends in technology use in the classroom.

Teaching Assistant – to Prof. Martha Pott (Semester) SP 2006
Course: Advanced Personal and Social Development (Graduate)
Prepared course materials; led group discussions; managed and facilitated group projects; graded weekly short papers; administered all grades.

CURRICULUM VITAE
CLEMENT L. CHAU

Teaching Assistant – to Prof. David Elkind (2 semesters) **FL 2004, FL 2005**

Course: Introduction to Child Development (Undergraduate)
Led weekly section lectures (approx. 30 students each); developed syllabus and course materials;
wrote exams and quizzes; ran review sessions; facilitated group projects; administered grades.

Instructor – Pre-orientation program summer workshop (2 summer sessions) **2005-2006**

Workshop: Active Citizenship through Technology
Organized pre-orientation program from student recruitment to curriculum design; trained peer
teachers; constructed evaluation and assessment materials; developed program to teach about civic
engagement and community service using technologies.

Teaching Assistant – to Prof. David Elkind (Semester) **SP 2005**

Course: Adolescent Development (Undergraduate & Graduate)
Led student discussions; graded weekly short papers; reviewed term papers; managed class
administrative duties; administered grades.

Guest Lecturer – to Ms. Iris Ponte (1 lecture) **SP 2005**

Course: Pre-School in Three Cultures (Undergraduate)
Gave lecture on pre-school culture and system in China and Hong Kong; led discussions on critical
comparison of pre-school cultures between China and the U.S.

Washington University in St. Louis, MO

Assistant Conductor – to Conductor Dan Presgrave (5 Semesters) **2002-2004**

Washington University Wind Ensemble (Undergraduate)
Conducted performances; rehearsed ensemble; managed library and musicians; organized and
hosted performances and concerts.

Instructor – Explorer International Pre-orientation Program (3 Summers) **2001-2004**

Workshop: Explorer International Pre-orientation
Organized and held workshops for parents and students on cultural adjustment and school transition
issues; hosted alumni and new student mixers.

RESEARCH EXPERIENCE

Developmental Technologies Research Group, Tufts University **2004-Present**

Research Assistant, Project Coordinator, Program Manager
Primary Investigator: Marina Bers, PhD
Grant Support: NSF, Tisch College of Citizenship and Public Services
Develop and analyze theoretical models; carry out statistical analyses; construct questionnaires and
evaluation instruments; implement studies and educational interventions; prepare IRB protocols and
articles for publication; work with diverse settings including university, hospitals, and local schools.

New Media Literacies, Comparative Media Studies, MIT **2007-Present**

Researcher
Primary Investigator: Henry Jenkins, PhD
Grant Support: MacArthur Foundation
Provide consultation to interdisciplinary team of media scholars to develop new media literacies
learning materials. Focus group evaluation of learning and media materials, and development of
new curriculum and activities.

Tufts-NEMC Gay Fathers Research Group, Tufts University **2006-2008**

Research Assistant
Primary Investigator: Ellen Perrin, MD; Erin Phelps, ED; Ellen Pinderhughes, PhD
Conduct background and literature research; develop survey and interview protocols; collect data;
conduct interviews and observations; transcribe and analyze data using quantitative methods and
narrative qualitative techniques.

Research on Bi-Cultural Competence, Tufts University **2006-2008**

Research Assistant, Data Analyst

Primary Investigator: Jayanthi Mistry, PhD

Analyze interview transcripts of youth and adolescents about their cross-cultural and immigration experience using narrative and qualitative methods; develop theoretical models about the development and bases of bi-cultural competence in multi-cultural individuals.

China Town Head Start Research Group, Tufts University **2005-2007**

Co-Investigator

Primary Investigator: Rebecca New, PhD

Develop interview questionnaires; conduct interviews with immigrant parents and Head Start staff; translate transcripts between Chinese and English; prepare presentations and articles.

Online Disclosure among Young Adolescents, Tufts University **2005**

Primary Investigator, Independent Research

Conducted complete research project to examine level of disclosure among youth in online setting; prepared IRB protocol; developed curriculum and assessments; constructed questionnaires and data analysis; presented results at departmental symposium.

Memory and Development Laboratory, Washington University in St. Louis **2003-2004**

Research Assistant

Primary Investigator: Pascal Boyer, PhD

Programmed computer animations for visual onset-response research; created video sequences for perception testing and research.

PROFESSIONAL EXPERIENCE

Ponte and Chau Consulting Inc, Belmont, MA **2006-Present**

Vice President, Co-Founder

Co-Founder: with Iris Ponte, PhD

Provide consultation to child-centered services, including pre-schools and kindergartens; evaluation of teacher training programs; curriculum consultation; research and data analysis training for research groups.

Current clients include: Tufts University Department of Computer Science, Harvard University Affiliated Botanic Gardens Children's Center and Pre-School.

Evelyn Pitcher Curriculum Lab, Tufts University **2004-2005**

Technology Coordinator

Director: Mary Eisenberg, PhD

Managed computers and technologies; provided assistance and training to faculty, staff, students, and teachers-in-training; managed children's books library, teaching manipulatives and resources, and art supplies.

Departmental Strategic Plan Steering Committee, Department of Child Development, Tufts University **2005**

Committee Member, Graduate Representative

Chair: Fred Rothbaum, PhD

Participated in departmental strategic steering initiative; participated in sub-committee research duties; voted on department policy and procedures.

Graduate Student Council, Tufts University **2004-2005**

Chair, Committee on Non-Academic Affairs

Participated in executive board and general council meetings; engaged in council events and initiatives; voted on council decisions and policies affecting graduate student life; organized activities for graduate students and faculty.

Graduate Student Association, Department of Child Development, Tufts University

2004-2005

Co-Chair

Led executive board meetings; planned and hosted department parties and socials; acted as liaison between faculty and students; organized fundraising activities.

Office of Residential Life, Washington University in St. Louis

2001-2004

Residential College Liaison, Small Group Housing

Director: Cheryl Stephen

Participated in the development of a new "themed" housing; founded new student group with theme focused on cultural diversity; acted as group president and residential life liaison; led bi-weekly meetings; organized activities for residential college; voted on residential life issues in ResLife committee.

Office of Arts and Sciences, Washington University in St. Louis

2002

Student Intern, Summer Leaders Fellow

Directed activities for Arts and Sciences Summer Weekend participants; attended daily professional training workshops; participated in *Coro* training project; prepared student records and faculty handbook.

PUBLICATIONS

- Bers, M., Beals, L., Chau, C., Satoh, K., & Khan, N. (Forthcoming). Virtual worlds for young people in a program context: Lessons from four case studies. In *New Science of Learning: Cognition, Computers, and Collaboration in Education*. (Eds.) Khine, M. S. and Saleh, I. M. To be published by Springer.
- Bers, M., Beals, L., Chau, C., Satoh, K., Blume, B., DeMaso, D., & Gonzalez-Heydrich, J. (Accepted). Use of a virtual community as a psychosocial support system in pediatric transplantation. *Pediatric Transplantation*.
- Bers, M., Lynch, A.D., & Chau, C. (Forthcoming). A confirmatory factor analysis of the structure of the Positive Technological Development Questionnaire. In *Technology, Learning, and Identity: Research on the Development and Exploration of Selves in a Digital World*. (Eds.) Ching, C. C. & Foley, B. J. To be published by Cambridge University Press.
- Bers, M., Chau, C. (Under Review). The virtual campus of the future: Stimulating and simulating civic action in a virtual world. *Journal for Computing in Higher Education*.
- Bers, M., Chau, C., Satoh, K., & Beals, L. (2007). Virtual Communities of Care: Online peer networks with post-organ transplant youth. In *Proceedings of the Computer-Supported Collaborative Learning Conference*.
- Bers, M. & Chau, C. (2007). Technology and Early Childhood Education. In Rebecca S. New and Moncrieff Cochran (Eds.), *Early Childhood Education: An International Encyclopedia*. Vol. 3, pp. 798-801. Westport, Connecticut: Praeger.
- Chau, C. (2006). Associations between online civic engagement and personal technological characteristics among college students. *Masters Thesis Abstract International*, AAT 1436328.
- Chau, C., & Bers, M. (2006). Positive Technological Development: A systems approach to understanding youth development when using educational technologies. In *Proceedings of the International Conference of the Learning Sciences*. (Eds. S. Barab, K. Hay, & D. Hickey). LEA Publishing, 902-903.
- Chau, C., Mathur, A., & Bers, M. (2006). Active Citizenship through Technology: Collaboration, connection, and civic participation. In *Proceedings of the International Conference of the Learning Sciences*. (Eds. S. Barab, K. Hay, & D. Hickey). LEA Publishing, 904-905.
- Bers, M. & Chau, C. (2006). Fostering civic engagement by building a virtual city. *Journal of Computer-Mediated Communication*, 11(3), 748-770.

PRESENTATIONS

First Authored Presentations:

- Chau, C. (March 21, 2007). Developmental Technologies: Positive uses of technology for youth learning and development. Chair and Organizer. Symposium presented at the *2007 Society of Research in Child Development Conference*, Boston, MA.
- Chau, C. (March 21, 2007). Online civic engagement among late adolescents. In the symposium Developmental

CURRICULUM VITAE
CLEMENT L. CHAU

Technologies: Positive uses of technology for youth learning and development. Paper presented at the *2007 Society of Research in Child Development Conference*, Boston, MA.

Chau, C., & Bers, M. (April 9, 2007). Using a 3D virtual environment to foster college-community connections. Poster presented at the *2007 American Educational Researcher Association Annual Conference*, Chicago, IL.

Chau, C., Fan, S., New, R., Kirst, S., & Ponte, I. (June 26, 2006). The interface of Chinese and American culture in an urban Head Start center. Poster presented at *Head Start's 8th National Research Conference*, Washington D. C.

Chau, C., & Bers, M. (April 10, 2006). Exploring the relationship between educational technology and youth development: A case study of LEGO summer camp. Poster presented at the *American Educational Research Association 2006 Conference*, San Francisco, CA.

Chau, C., & Bers, M. (August 21, 2005). Positive technological development: A research methodology for exploring relationships between youth development and educational technologies. Symposium paper presentation at the *2005 Annual American Psychological Association Convention*, Washington D. C.

Chau, C. (April 1, 2005). Making friends on virtual communities: An adolescent experience. Paper presented at *Student Presentation Day at Eliot-Pearson Department of Child Development*, Tufts University, Medford, MA.

Co-Authored Presentations:

Phelps, E., Perrin, E., Pinderhuges, E., Zimmerman, S., Chau, C., Lai, A., Henson, B. (April 4, 2008). Families headed by gay adoptive fathers: Family processes and outcomes. In symposium *Gay Fathers and Their Children* (Chair Ellen Pinderhuges, Erin Phelps). Paper presented at the *2009 Biennial Meeting of the Society for Research in Child Development*. Denver, CO.

Mesalles, D., Chau, C., & Bers, M. (March 21, 2007). Fostering civic engagement with 3D virtual community environment. In the symposium *Developmental Technologies: Positive uses of technology for youth learning and development*. Paper presented at the *2007 Society of Research in Child Development Conference*, Boston, MA.

Ponte, I., Kirst, S., New, R., Fan, S., & Chau, C. (June 26, 2006). Home-school relationship in Head Start: Cultural values of parents and teachers. Poster presented at *Head Start's 8th National Research Conference*, Washington D. C.

Kirst, S., Ponte, I., New, R., Chau, C., & Fan, S. (April 8, 2006). Teacher beliefs regarding the roles of Chinese-immigrant parents in school readiness. Paper presented at the *13th International Roundtable on School, Family, and Community Partnership*, San Francisco, CA.

Fan, S., Chau, C., New, R., Ponte, I., & Kirst, S. (April 7, 2006). Shifting identities: Chinese immigrant values as they support and hinder family, school, and community relations. Paper presented at the *13th International Roundtable on School, Family, and Community Partnership*, San Francisco, CA.

Ponte, I., Chau, C., New, R., Fan, S., & Kirst, S. (March 31, 2006). Parents and teachers beliefs about parental roles in Head Start: Lessons from Chinatown. Poster presented at *Student Presentation Day at Eliot-Pearson Department of Child Development*, Tufts University, Medford, MA.

New, R., Ponte, I., Fan, S., Chau, C., & Kirst, S. (March 31, 2006). Teachers beliefs regarding parental roles and school readiness in Head Start: Perspectives from Chinese immigrants. Paper presented at *Tufts Community Research Symposium*, Medford, MA.

Li, Y., Ma, L., Lerner, R., & Chau, C. (March 24, 2006). School engagement among adolescent from different ethnic groups: Findings from the 4-H study of positive youth development. Poster presented at the *Society Research on Adolescence 11th Biennial Meeting*, San Francisco, CA.

PROFESSIONAL DEVELOPMENT

- *Learning Assessment Challenges and Solutions*. University Conference on Teaching and Learning. Tufts University, Medford, MA. (March 10, 2006).
- *Introduction to Atlas.ti*. Tufts University, Medford, MA. (February 3, 2006).
- *What to do about missing data? Tools for practitioners*. Quantitative Lecture Series Data Workshop. University of Massachusetts Amherst, Amherst, MA. (January 23, 2006).

MEMBERSHIPS

- American Psychological Association (APA).
 - Society for Research in Child Development (SRCD).
-

CURRICULUM VITAE
CLEMENT L. CHAU

- Society for Research in Adolescence (SRA).
 - American Educational Research Association (AERA).
 - American Association for the Advancement of Science (AAAS).
 - International Society of the Learning Sciences (ISLS).
 - National Association for the Education of Young Children (NAEYC).
-

PROFESSIONAL SERVICES

- Reviewer for American Educational Research Association (AERA).
 - Reviewer for International Conference for the Learning Sciences (ICLS)
 - Reviewer for Computer-Supported Collaborative Learning (CSCL)
-

LANGUAGES

- Chinese (Cantonese) – native language, speak, read, and write fluently
 - Chinese (Mandarin) – read and write fluently
 - English – speak, read, and write fluently
-

ADDITIONAL SKILLS

- Piano – performance level; teaching experience
- Web Application Development – web programming including html, Flash ActionScripts and Flash Remoting; JavaScript, ASP, PHP languages; Microsoft Access Database
- Computer Programming – Java, C++.