

CURRICULUM VITAE
Ingrid T. Monson

Quincy Jones Professor of African American Music,
supported by the Time Warner Endowment
Departments of Music and African and
African American American Studies
Harvard University
Cambridge, MA 02138

TEACHING AND RESEARCH

2001- Quincy Jones Professor of African American Music, Harvard University.
2010-2011 Interim Dean of Arts and Humanities, Harvard University
2005-2008 Chair, Department of Music, Harvard University
1999-2001 Associate Professor of Music, Washington University in St. Louis.
1996-1999 Assistant Professor of Music, Washington University in St. Louis.
1999 Quincy Jones Visiting Assistant Professor, Harvard University. Departments of
Afro-American Studies and Music. Spring term.
1995-96 Visiting Assistant Professor of Music. University of Michigan.
1991-95 Assistant Professor of Music. University of Chicago.

HONORS

2008 Walter Channing Cabot Fellow, Harvard University, awarded to “distinguished
faculty members who have contributed to the advancement of scholarship in the
fields of literature, history, or art.”
2009 Woodie
1998 The Sonneck Society’s Lowens Prize for best book published in American music, for
Saying Something: Jazz Improvisation and Interaction, Chicago, University of Chicago
Press, 1996.
1996-99 Earle H. and Suzanne S. Harbison Faculty Fellow. Washington University. Awarded
to an outstanding member of the junior faculty.
1982 Phi Kappa Lambda (New England Conservatory of Music)
1977 Phi Beta Kappa (University of Wisconsin-Madison)

FELLOWSHIPS

2012-2012 Radcliffe Fellowship
2009-2010 Guggenheim Fellowship
2009-2010 Marta Sutton Weeks Fellow, Stanford Humanities Center
2005 Wenner Gren Foundation for Anthropological Research. Post-Ph.D. grant for
fieldwork in Sikasso, Mali
1994-95 American Council of Learned Societies (ACLS). Postdoctoral fellowship.
1994-95 Schomburg Center. New York Public Library. Declined in favor of ACLS.
1994-95 Chicago Humanities Institute. Two-quarter fellowship. Declined in favor of ACLS.

- 1993 Chicago Humanities Institute. Curriculum Planning for Ethnomusicology Ph.D.
1992 Chicago Humanities Institute. One-quarter fellowship. Autumn quarter.
1990-91 American Association of University Women (AAUW). Dissertation fellowship.
1990-91 New York University. Dissertation fellowship.
1985-86 New York University. Langley Fellowship for graduate study.
1985 NEA Jazz Study Fellowship, with trumpeter Woody Shaw.

EDUCATION

- 1991 Ph.D. in Musicology, New York University. Dissertation: "Musical Interaction in Modern Jazz: an Ethnomusicological Perspective."
1989 M.A. in Musicology, New York University. Concentration: Urban Ethnomusicology.
1982 B.M. with honors, New England Conservatory of Music. Major: jazz trumpet.
1978 B.A. University of Wisconsin-Madison. Major: economics.

PUBLICATIONS

Books

- 2007** *Freedom Sounds: Civil Rights Call Out to Jazz and Africa*. An exploration of the impact of the Civil Rights Movement and African Independence on the history of jazz between 1950 and 1967.
- 1996** *Saying Something: Jazz Improvisation and Interaction*. University of Chicago Press. Winner of the Sonneck Society's 1998 Irving Lowens Prize for best monograph in American music published in 1996.
- 2000 *The African Diaspora: A Musical Perspective*, Ingrid Monson, editor, Garland Press. A collection of essays presenting musical case studies from various regions of the African diaspora that engage with the broader interdisciplinary discussions about race, gender, politics, nationalism, and music. Contributors include Akin Euba, Veit Erlmann, Eric Charry, Lucy Durán, Jerome Harris, Travis Jackson, Gage Averill, and Julian Gerstin.

Articles

- 2008** "Hearing, Seeing, and Perceptual Agency." *Critical Inquiry* 34 (2): S36-S58.
- 2008 "Fitting the Part." Rustin, Nichole T. and Sherrie Tucker, *Big Ears: Listening for Gender in Jazz Studies*, Durham: Duke University Press.
2005. "Jazz." In *African American Music Anthology*, edited by Portia Maultsby and Mellonee Burnim, pp. 145-183. New York: Routledge.
- 2002** "Jazz Improvisation." in *The Cambridge Companion to Jazz*, edited by Mervyn Cooke and David Horn. Cambridge, UK: Cambridge University Press.
- 2001 "Miles, Politics, and Image," in *Miles Davis and American Culture*, edited by Gerald Early, St. Louis: Missouri Historical Society Press.
- 2001 "Jazz." Garland Encyclopedia of World Music. Volume 11, *The United States and Canada*, edited by Ellen Koskoff.
- 2001 Liner notes. *Say it Loud: The History of Black Music America*. Rhino records.
- 2001 "Report of Study Session 22: Theorizing the Transnational." To appear in the proceedings of the International Musicological Society, 16th International Congress, London, Royal College of Music, August 14-20th, 1997.

- 2000 "Monk Meets SNCC." *Black Music Research Journal* 19(2): 187-200.
1999. "Riffs, Repetition, and Theories of Globalization." *Ethnomusicology*, 43:1(Spring 1999): 31-65.
- 1999 "George Russell." Article for *International Dictionary of Black Composers*. Samuel Floyd, editor. Chicago: Center for Black Music Research.
- 1998 "Oh Freedom: George Russell, John Coltrane, and Modal Jazz." In *In the Course of Performance: Studies in the World of Musical Improvisation*, edited by Bruno Nettl and Melinda Russell, pp. 149-168. Chicago: University of Chicago Press.
- 1997 "Music and the Anthropology of Gender and Cultural Identity." *Women and Music: A Journal of Gender and Culture* 1(1): 58-67.
- 1997 "Abbey Lincoln's *Straight Ahead*: Jazz in the Era of the Civil Rights Movement." In *Between Resistance and Revolution*, edited by Richard Fox and Orin Starn, pp. 171-194. New Brunswick, NJ: Rutgers University Press.
- 1997 "What's Sound Got to Do With It?: Jazz, Poststructuralism, and the Construction of Cultural Meaning." In *Creativity in Performance*, edited by Keith Sawyer, pp. 95-112. Greenwich, CT: Ablex.
- 1995 "The Problem With White Hipness: Race, Gender, and Cultural Conceptions in Jazz Historical Discourse." *Journal of the American Musicological Society* 48(3): 396-422.
- 1994 "'Doubleness' and Jazz Improvisation: Irony, Parody and Ethnomusicology." *Critical Inquiry* 20(2): 283-313.
- Shelemay, Kay Kaufman, Peter Jeffery and Ingrid Monson
- 1993 "Oral and Written Transmission in Ethiopian Christian Chant." *Early Music History* 12: 19-81. My section appears on pp. 62-77.
- Monson, Ingrid
- 1990 "Forced Migration, Asymmetrical Power Relations and African-American Music: Reformulation of Cultural Meaning and Musical Form." *The World of Music* 32 (3): 22-43.

Book Reviews and Responses

- 1999 *Just My Soul Responding: Rhythm and Blues, Black Consciousness, and Race Relations*, by Brian Ward, *Yearbook for Traditional Music* 31 (1999).
- 1997 *Representing Jazz*, and *Jazz Among the Discourses*, edited by Krin Gabbard, *American Music* 15(1): 110-113.
- 1996 *New Musical Figurations: Anthony Braxton's Cultural Critique*, by Ronald M. Radano. *Journal of the American Musicological Society* 49(2): 326-31.
- 1995 "Responses" (To Charles Keil). *Ethnomusicology* 39(1): 89-90.
- 1994 *New Perspectives on Music: Essays in Honor of Eileen Southern*, Josephine Wright with Samuel A. Floyd, Jr., eds. *Notes* 50 (March): 983-85.
- 1993 *Fire Music: A Bibliography of the New Jazz*, John Gray compiler. *Notes* 49 (March): 1072-1073.
- 1992 *Duke Ellington: The Early Years*, by Mark Tucker. *Journal of Musicological Research* 12 (Supplement): 177S-179S.
- 1991 *You Just Fight for Your Life: The Story of Lester Young*, by Frank Büchmann-Møller. *Ethnomusicology* 35 (1): 117-119.

Editorial Boards and Advisory Groups

- Editorial Board, *Ethnomusicology*
 Editorial Board, *Jazz Perspectives*

Invited Lectures and Conferences

- 2014 "Freedom Sounds," Many Paths to Freedom: Looking Back, Looking Ahead at the Long Civil Rights Movement, a public program. Library of Congress, Washington DC, September 15, 2014
- 2014 "A Love Supreme." Du Bois Institute, Harvard University, September 3, 2014
- 2014 "Mali's Neba Solo: Xylophones, Cultural Mixture, and Senufo Spirituality," New York University, April 17, 2014.
- 2012 "Neba Solo: Music for Peace in Mali, Radcliffe Institute for Advanced Studies, Harvard University, November 26, 2012.
- 2012 "From Pattern to Voice: Pentatonics in Mali's *Neba Solo* and Woody Shaw." Perspectives on Musical Improvisation Conference, Oxford University, Oxford, UK, September 12, 2012
- 2012 "R&B, Jazz, and the Changing Same." University of Texas, Austin. March 23, 2012.
- 2012 "Freedom Now Revisited from the South: Towards a Different Global Jazz." Keynote address, South African Jazz Conference 2012, Rhodes University, Grahamstown, South Africa.
- 2011 "On the Sensory Turn in Musical Scholarship." UCLA, Department of Musicology. May 12, 2011.
- 2010-11 Wort Lecturer, Cambridge University, Cambridge, UK. A series of four lectures on Aesthetics and the Body, given in October 2010 and March 2011.
- 2008 "Improvising and Self-Determination in the 1950s and 1960s: An American Perspective." Royal College of Music, Stockholm, Sweden, September 3, 2008
- 2008 "Is Africa in the Diaspora? A View from Mali," Brilliant Corners: Jazz and its Cultures, State University of New York at Stonybrook, April 5, 2008.
- 2008 "Doin' the Right Thing: Jazz and Higher Purpose (an American Perspective), Keynote address, Leeds International Jazz Conference, Leeds, England, March 13, 2008.
- 2008 "Jazz and the Civil Rights Movement." Northern Illinois University, DeKalb, Illinois, Department of History, February 28, 2008.
- 2008 "Music Politics and Perception in Mali." University of Chicago, Department of Music, January 18, 2008.
- 2007 "Indigo: The Story of a Silk Road Dye" Silk Road Project, Harvard University, New College Theater, November 30, 2007.
- 2007 "Global (Re)vision: Musical Imagination in African America," Macalester International Roundtable, October 12, 2007.
- 2006 "Jazz as Musical and Political Practice: Some thoughts on the Ethnomusicology of Musical Process," Curry Lecture, University of Michigan, Ann Arbor, School of Music, March 9, 2006.
- 2005 "Neba Solo: Senufo Counterpoint." Talk presented at 2nd International Conference on African Music." Princeton University, December 9-11, 2005.
- 2005 "Musical Self-Determination: Debates Within and Between," Conference on Improvisation as Social Practice, McGill University, Montreal, June 3-5, 2005.
- 2005 "Improvisation and Moral Purpose," Keynote address, Guelph Jazz Festival Symposium. Guelph, Ontario, Canada, September 8, 2005.

- 2004 "Jazz as Political and Musical Practice - on the Continuing Relevance of Practice Theory," Keynote address for "Improvisation: New Directions in the Study of Musical Improvisation," a conference at the University of Illinois at Urbana Champaign, April 1-4.
- 2004 "On Sound Stereotypes," keynote address for "Jazz Changes," a colloquium in conjunction with the University of Kansas Jazz Festival, March 4-5.
- 2004 "On the Ethnomusicology of Musical Process—Notes from Mali," Colloquium, Yale University, Dept. of Music, February 25.
- 2004 "On the Ethnomusicology of Musical Process—Notes from Mali" Colloquium, Peabody Institute, Baltimore, MD, January 28.
- 2003 "'On the Ethnomusicology of Musical Process: Miles and Mali," Keynote address, Five Colleges Ethnomusicology Conference, Northampton, MA.
- 2003 Jazz, Modernism, and Politics: the View from the Civil Rights Era," Annual Philomela Colloquium, Cornell University, March 10, 2003,
- 2002 Dave Brubeck Symposium. Emory University, "Popularity, Politics, and Peer Review: Dave Brubeck Betwixt and Between," Oct 4, 2002.
- 2002 "Jazz, Modernism, and Politics: the View from the Civil Rights Era," University of Pennsylvania, Dept. of Music, March 26, 2002
- 2001 "Abbey Lincoln in the Civil Rights Years." Symposium: For the Love of Abbey, Columbia University, December 7, 2001.
- 2001 "Improvisation as a Musical and Social Process: Some Thoughts on the 1950s and 1960s," W.E.B. Du Bois Institute, Harvard University, November 7, 2001
- 2001 Darmstädter Jazzforum. September 27-30, 2001. Jazz Improvisation as a Musical and Social Process.
- 2001 "Conflict and Community: Improvising through Aesthetics, Politics and Spirituality in Jazz of the 50s and 60s," Trading Fours: Jazz and its Milieu [conference], Center for the Study of Race, Politics and Culture, University of Chicago, May 11.
- 2001 "Miles, Politics and Image." Miles Davis and American Culture IV [conference]. Missouri Historical Society and Washington University, May 24-26.
- 2000 "Change of the Century? The Future of Jazz Scholarship." Challenges in Norwegian Jazz Research [conference]. Norges Teknisk-Naturvitenskapelige Universitet, Trondheim, Norway
- 2000 Music Panel. 30th Anniversary Celebration, Department of Afro-American Studies, Harvard University, May 8, 2000.
- 2000 Department of Music, Princeton University, April 4. "Max Roach's *Freedom Now Suite*."
- 1999 "Art Blakey's African Diaspora." International Conference on "Leadership and Community: Icons from the Past, Models for the Future." Department of African and Afro-American Studies. University of North Carolina at Chapel Hill. October 8.
- 1999 "Jazz, Collaboration and Power: Beyond Romance." Keynote speaker. Guelph Jazz Festival Symposium. Guelph, Ontario, Canada, September 9.
- 1999 "Freedom Sounds: Jazz, Civil Rights, and Africa 1950-1967." Department of Music. Columbia University, April 23.
- 1999 "The Cool War: Jazz, the State Department and Africa." Improvising Across Borders Conference. University of California, San Diego, Department of Music. Critical Studies and Experimental Practices Program. April 9.
- 1999 "Freedom Sounds: Jazz, Civil Rights, and Africa 1950-1967" Center for Literary and Cultural Studies. Harvard University, April 4.
- 1999 "Ellington and Politics." University of North Carolina-Chapel Hill, Carolina Jazz Festival, A Symposium on Duke Ellington, February 26.

- 1998 Seminar on *Saying Something*, Yale University, Department of Art History, April 23.
1998 "Monk Meets SNCC: Carnegie Hall 1963," University of North Carolina-Chapel Hill, Carolina Jazz Festival, A Symposium on Thelonious Monk, February 27.
1997 "Oh Freedom: George Russell, John Coltrane, and Modal Jazz," University of Wisconsin-Madison, January 31.
1996 "Modal Jazz Revisited," Eastman School of Music, March.
1995 "Teo Macero: Recording Miles," Conference on "Mediating Musical Cultures," New York University, Department of Anthropology, April.
1995 "Miles Davis in the Era of the Civil Rights Movement," Miles Davis Conference, Washington University in St. Louis, April 6-8.
1995 "Benefit Jazz Concerts in the Era of the Civil Rights Movements," State University of New York, Stonybrook, April.
1994 "What's Sound Got to Do with It," University of Chicago, Department of Anthropology, November 28.
1994 "Abbey Lincoln's *Straight Ahead: Jazz in the Era of the Civil Rights Movement*," Conference on Social Movements, sponsored by the Harry Frank Guggenheim Foundation, Otavalo, Ecuador, June.

Conference Papers

Society for Ethnomusicology 2006, 2000, 1996, 1995, 1993, 1991, 1989
American Musicological Society 2000, 1997, 1995, 1993, 1991, 1988
American Anthropological Association 1992
American Studies Association 1998

Fieldwork

Four and a half months in Sikasso, Mali in 2005. Follow up visits in 2007, 2009, and 2014.
Ethnographic research on the music of balafonists Neba Solo. Supported by the Wenner Gren Foundation.

COURSES (Harvard only)

Undergraduate

Music 159, Herbie Hancock's Musical Worlds
African and African American Studies 106: Music of Contemporary Africa: Global and Local
African and African American Studies 182: From R&B to Neo-Soul
African and African American Studies 178: Jazz, Race, and Politics
Music 159: The Music of Thelonious Monk, Miles Davis, and John Coltrane.
Literature and Arts B82: Sayin' Something: Jazz as Sound, Sensibility, and Social Dialogue
Music 194r: The Music and Image of Miles Davis
African and African American Studies 97a: Music of the African Diaspora
African and African American Studies 97a: R&B, Soul, Funk
African and African American Studies 97a: Jazz, Race, and Politics since WWII

Graduate

Music 209r: The Sensory Turn in Musical Study
Music 209r: Music of Mali
Music 209r: Improvisation in Three Traditions
Music 209r: Music of the African Diaspora
Music 209r: Music and Cultural Theory
Music 201: Introduction to Ethnomusicology
African and African American Studies 231: The Study of African American Music

PROFESSIONAL ACTIVITIES

2013- Advisory Board, Norwegian Center for Excellence in Education, Department of Musicology, University of Oslo, Norway.
2009- present Editorial Board, *Ethnomusicology*. Society for Ethnomusicology
2008 Chair. Pulitzer Prize Music Jury.
2007 Member. Pulitzer Prize Music Jury.
2007 Co-Chair. Committee on Cultural Diversity, American Musicological Society.
2006 External Reviewer: Department of Music, University of California, Berkeley.
2003 Advisory Board: African American National Biography, John Bollard, Managing Editor.
2001 External reviewer. United Kingdom, Research Assessment Exercise (RAE).
1999-2001 Member-at-Large. Board of Directors. Society for Ethnomusicology.
1999-2001 Advisory Board and Consultant. Miles Davis Exhibit 2001. Missouri Historical Society.
1999 Advisory Panel. *Journal of the Royal Musical Association* (UK).
1999 Co-editor of American music (with Judith Tick). *Musical Quarterly*.
1999-2004 Editorial Board. *Journal of the American Musicological Society*. Thomas Grey, editor.
1998 Program Committee. 1999 annual meeting of the American Musicological Society, Kansas City, MO.
1998 Editorial Board. *Acta Musicologica*.
1997-2002 Board member. Committee on the Publication of American Music (COPAM). American Musicological Society.
1997 Editorial Advisory Board. *Music in Performance*. Journal of the Centre for the History and Analysis of Recorded Music (CHARM), University of Southampton, José Bowen, editor.
1996 Outreach Committee of the American Musicological Society.
1996 Program Committee. 1997 Sonneck Society, Seattle, WA.
1997 Program Committee. 1997 Midwest Chapter of the Society for Ethnomusicology.
1995 Council of the American Musicological Society. Elected term 1996-1998.
1991 Audio-Visual Chair for the 1991 meeting of the American Musicological Society in Chicago, IL. Member of the Local Arrangements Committee.
1991 Council of the Society for Ethnomusicology. Elected to term 1991-1993.
1989-90 Secretary of the Mid-Atlantic Chapter of the Society for Ethnomusicology.

SERVICE

Harvard University

2012-present Member, Harvard University, Digital Humanities Committee

2011 Chair, Harvard University, Digital Humanities Committee.
2010-11 Interim Dean of Arts and Humanities
2010-12 Member. Harvard University Committee on the Arts.
2007 Member. President's Task Force on the Arts.
2007 Member Faculty Council, Docket Committee.
2007 Member Humanities Dean Advisory Group
2003- Faculty of Arts and Sciences Library Committee
2003- Chair, African Creativity Group, Africa Initiative,
2002-03 Core Program. Subcommittee on Literature and Arts
2002- Provost's Advisory Group on Arts, Culture, and Museums.
2002- Office of the Arts, Jazz Planning Group

Harvard Department of African and African American Studies

2013-present Director of Undergraduate Studies
2012 Director of Graduate Studies, Spring 2012
2006-07 Graduate Admissions Committee
2002- Advisory Board. W.E.B. Du Bois Institute.
2002-03 Graduate Curriculum Committee, Department of Afro-American Studies
2002-03 Faculty Search Committee

Harvard Department of Music

2011-present Advisor in Ethnomusicology
2005-2008 Chair, Department of Music
2003-04 Advisor in Ethnomusicology
2002-03 Search Committee for senior composer.
2002-03 Search Committee for junior music theorist.
2001-2002 Search Committee for Senior Musicologist

Washington University

1999-2001 Curriculum Implementation Committee. Arts and Sciences Division.
1999-2001 Affirmative Action Committee. Arts and Sciences Division.
1997 Organizer. Third annual Miles Davis Conference, "Miles Davis, the Civil Rights Movement and Jazz," May 3-4, with the collaboration of Professor Gerald Early, the African and Afro-American Studies Program, the Music Department, and the American Culture Studies Program.
1997, 1999 Guest lecture for "Global Processes and Local Identities," a course coordinated by Professor John Bowen, Department of Social Thought and Analysis, and Professor James Wertsch, Department of Education, November 10, November 29.
1997 "Riffs, Repetition, and Globalization," Lecture to Washington University Century Club donors, November 20.
1997 Co-organizer of "The Sound of Culture," a conference organized by Professor Richard Fox, Department of Anthropology, September 19-20.
1997 Planning committee for Hewlett curriculum in American Studies, Wayne Fields, chair.
1997 Dean's advisory committee on Audio-Visual acquisitions.

- 1997 Guest Lecture on Amiri Baraka's *Blues People*, for Afro-American studies course taught by Professor Gerald Early, November 5.
- 1997 Mylonas Fellowship selection committee. Washington University.

University of Chicago

- 1993-94 Dean's Committee on Minority Recruitment, University of Chicago, Thomas Thuerer, chair.
- 1993 College Council of the University of Chicago.
- 1992 Organizer. Chicago Humanities Institute symposium. "'Now's the Time: Musicians and Poets on Jazz,'" December 10, 1992. Participants: Richard Davis, Don Byron, Michael Harper, Elizabeth Alexander, and Ingrid Monson.
- 1991-93 Development of a graduate curriculum in ethnomusicology, University of Chicago, with Professors Philip Bohlman, and Andrew Apter.

CONSULTING

- 1999 Advisory Board. "Milestones: A Miles Davis Retrospective." An exhibit opening May 26, 2001. Missouri Historical Society. St. Louis, MO.
- 1996 Consultant on series of films about the Swing Era produced by David Stowe. George Nierenberg, director.

PERFORMANCE

Primary Instruments: trumpet, piano, balafon

- 1989 Performance in Don Byron's tribute to Mickey Katz in September 1989 at the Knitting Factory, NYC.
- 1987-89 Co-leader with Don Byron of The Klezmer Connection, a combination klezmer/jazz ensemble. Engagements at weddings and bar-mitzvahs in the greater New York metropolitan area.
- 1980-1987 Trumpeter with the Klezmer Conservatory Band. I was a founding member of this nationally known ensemble, which features Yiddish-American instrumental dance (klezmer) music and Yiddish theater music. During my tenure with the band five albums were recorded (see Recordings). A film featuring the band and directed by Michal Goldman (*A Jumpin' Night in the Garden of Eden*) was released in 1988 and aired on PBS. The band also made frequent appearances on NPR's "A Prairie Home Companion."
- 1980-85 Performances as a jazz trumpeter in the Boston area. Engagements at Ryles, The Willow, and many concerts in Boston area locations.
- 1980-82 Trumpeter in a salsa band led by Ruben Guity. Weekly engagements at Cindy's, the Latin Paradise, and locations in Lawrence, MA, Bronx, NY, and Providence, RI.

RECORDINGS

- Blake, Ran
- 1980 "A Touch of Evil." *Film Noir*. Recorded in Boston, MA, January 1980. Arista/Novos AN 3019.

Klezmer Conservatory Band

- 1981 *Yiddish Renaissance*. Recorded in Boston, MA, June 1981. Vanguard Records VSD 79450. Previously released on Kleztone.
- 1981 "Lebedik un Freylekh." *Prairie Home Companion Tourists*. Recorded in Boston, October 1981. PHC 808.
- 1983 *Klez!* Recorded in New York, NY, June 1982. Vanguard Records VSD 79449.
- 1985 *A Touch of Klez*. Recorded in Carlisle, MA, January 1985. Vanguard Records. VMD-79455.
- 1986 *Oy Chanukah!* Recorded in Boston, MA, November 1985 and September 1986. Rounder Records 3102.
- 1988 *A Jumpin' Night in the Garden of Eden*. Recorded in Carlisle, MA, December 1986, Rounder Records 3105.