



Dean's Reception
to recognize
**Faculty Scholarship
and Grants**

Friday, April 17, 2009
3:00 p.m., Perrine Gallery

John Beckelman "On Becoming"
67" x 41.5" x 2" Clay, enamel, oil, powdered pigments on wood

Coe College



Congratulations to all Coe College faculty.

2008–2009 Faculty Scholarship and Grants

Grants, Awards, & Honors

Professor of Physics **Mario Affatigato** and B.D. Silliman Professor of Physics **Steve Feller** were awarded a National Science Foundation grant of \$17,537 for travel to allow 15 students and faculty to attend the 6th International Conference on Borate Glasses, Crystals, and Melts in Osaka, Japan. Dr. Feller also served on the international organizing committee of the conference.

Associate Professor of History **Derek Buckaloo** participated in a roundtable discussion on “The Ethics of Foreign Policy,” a live broadcast of KCRG-TV’s program *Ethical Perspectives on the News*.

Professor of Humanities **Edmund Burke** was selected as a Fall 2009 visiting faculty member of the Florence Program sponsored by Associated Colleges of the Midwest.

Professor of Music **William Carson** was appointed Associate Music Director and Associate Band Conductor of the Iowa Ambassadors of Music, a group which forms a band and a choir of high school students to tour throughout Europe.

In addition, Dr. Carson served as a pre-publication consultant for Prentice-Hall’s “Jazz: An American Journey” by Brian Harker, and for two publications by Pearson: *JAZZ HISTORY* by John Edward Hasse and Tad Lathrop, and Pearson’s jazz web resource, *MyJazzKit*.

Assistant Professor of Biology **Randy Christensen** and Coe student **Bailey Clark** were awarded a \$2000 grant from the Iowa College Foundation in support of their McElroy Research Project.

Assistant Professor of Music **Joseph Dangerfield** was awarded a Fulbright Fellowship to teach and compose in the Russian Federation, where he will serve as composer-in-residence for the Studio New Music Ensemble at the Moscow Conservatory during the 2009-2010 school year.

In addition, Dr. Dangerfield was selected by a panel of distinguished music experts to receive a 2008-09 ASCAPLUS Award from the American Society of Composers Authors and Publishers (ASCAP).

Geometric Etudes, two short works written by Dr. Dangerfield and recorded by Albany Records on the CD, “The MAPP,” were described by music critic Robert Carl’s in his review that was published in *Fanfare magazine* (May 2009) as “knotty and gnomic...with richly consonant bass chords rotating beneath a starry sonic firmament.”

Associate Professor of Chemistry **Maria Dean** and Coe student **Rebecca Pine** were awarded a \$2000 grant from the Iowa College Foundation in support of their McElroy Research Project.

Dr. Dean and Coe student **Caitlin Johnson** were awarded a \$2800 grant from the American Chemical Society for the undergraduate program at the American Chemical Society regional meeting.

B.D. Silliman Professor of Physics **Steve Feller** and Coe student **Amanda Havel** were awarded a \$2000 grant from the Iowa College Foundation in support of their Maytag Research Project.

In addition, Dr. Feller served as Chair of the 2008 Sigma Pi Sigma Congress (the national meeting for undergraduates in physics) and was invited to participate in the Faculty of Natural Sciences’ Distinguished Scientist Visitors Program offered through the Ben-Gurion University of the Negev in Israel.

Professor of English **Gina Hausknecht** was invited to perform a program review of the Baker University English Department .

Coordinator of Service Learning and Leadership **Mandi McReynolds** secured a State Farm Insurance Good Neighbor Service Learning Grant to support a service learning project that was launched by Howard Hall Professor of English **Terry Heller** in his Spring Term 2009 class, Literary Studies in Gender: American Women Writers. This grant will allow students enrolled in the course to lead a reading program with Girl Scouts, K-3, at Polk Elementary.

Associate Professor of Biology **Michael R. Leonardo** and Coe student **Patricia Davison** were awarded a \$6000 Undergraduate Research Fellowship from the American Society for Microbiology.

Professor of Chemistry **Marty St. Clair** was co-author of a study titled "Ecological Assessment of Compensatory Wetland Mitigation – Final Report". The study was funded by the U.S. Environmental Protection Agency for the Iowa Department of Transportation.

Assistant Professor of Nursing **Brenda Shostrom** graduated with her Ph.D. in Nursing from Loyola University of Chicago.

Adjunct Instructor of Rhetoric and Director of the Speaking Center **Karen Sindelar** received the Outstanding Adjunct Teacher Award at the Iowa Communication Association Conference.

Ms. Sindelar, the Fundamentals of Public Speaking, and the Topics in Communication: Public Relations classes were each awarded a \$200 grant. The Public Speaking class grant awarded by the Delta Kappa Gamma National Women Teacher's Honor Society, Beta Nu and Theta Chapters assisted with the Communicating Common Ground National Service-Learning Project in Multicultural Education with Truman Elementary and the African American Museum project "Buxton, Iowa: A Black Man's Utopia." The Public Relations class award was from the *Phi Beta Kappa* National Honor Society and was used to assist with the class project in promoting Coe's *Phi Beta Kappa* chapter.

Assistant Professor of English **Melissa Sodeman** was recognized as an Andrew W. Mellon Foundation Fellow in the Fall 2008 issue of *The Huntington Spectator*.

Professor of Computer Science and John F. Yothers Professor of Mathematics **Calvin Van Niewaal** was nominated to the *Phi Beta Kappa* Senate.

Professor of Theatre Arts **Susan Wolverton** was invited to perform a program review for the Drake University Theatre Arts Department.

Publications

Professor of Physics **Mario Affatigato**, B.D. Silliman Professor of Physics **Steve Feller** and Coe student **Michael Burgess** co-authored "Packing as a probe of structure in alkaline earth glass systems," that was published in *Journal of Non-Crystalline Solids*.

Associate Professor of History **Derek Buckaloo** had the following book reviews accepted for publication:

- Sean Wilentz, *The Age of Reagan: A History, 1974-2008*
- Matthew C. Price, *The Advancement of Liberty: How American Democratic Principles Transformed the Twentieth Century*

Professor of Music **William Carson** wrote the article "Grainger's 'Spoon River' for Band" that was published in the June 2008 issue of *Hoard House*, a University of Melbourne publication. Dr. Carson also contributed the article "Katsista" to Volume 7 of the series, "Teaching Music Through Performance in Band," which was released in December 2008.

In addition, Dr. Carson had the following articles included in the forthcoming (May 2009) *Musicians and Composers of the 20th Century* from Salem Press:

- "Alban Berg"

- "Percy Aldridge Grainger"
- "Gustav Holst"
- "Charles Mingus"
- "Meredith Willson"

Assistant Professor of Biology **Randy Christensen** published his research "Cell death after spinal cord injury is exacerbated by rapid TNF α -induced trafficking of GluR2-lacking AMPA-receptors to the plasma membrane" in the *Journal of Neuroscience*.

Assistant Professor of Music **Joseph Dangerfield** had the following compositions selected for recording in 2009 by Albany Records:

- *Eadem Mutato Resurgo* (2002), *The MAPP* (Midwest American Piano Project)
- *Tryglyph* (2007), *The MAPP*
- *Piano Quintet* (2007), *Spirals: American Music in Moscow*
- *Winter Rites* (2008), *Viva Concertante*

Associate Professor of Chemistry **Maria Dean** and Coe students **Dipak Mainali**, **Nina Schiroo**, and **Karen Baumann** co-authored the following submissions to GenBank, part of the National Center for Biotechnology Information:

- "Pectinaria gouldii ribosomal protein-like protein mRNA," partial cds.
GenBank Accession Number: FJ767939
- "Pectinaria gouldii ribosomal-like protein mRNA," complete cds.
GenBank Accession Number: FJ358539
- "Pectinaria gouldii hypothetical protein mRNA," complete cds.
GenBank Accession Number: FJ386430
- "Pectinaria gouldii ferritin-like protein mRNA," complete cds.
GenBank Accession Number: FJ416376
- "Pectinaria gouldii hypothetical protein mRNA," complete cds.
GenBank Accession Number: FJ267591
- Schiroo, N.K. and Dean, M.A. "Pectinaria gouldii globin-like protein mRNA," complete cds. Gen Bank Accession Number: FJ767938
- Mainali, D. and Dean, M.A. "Pectinaria gouldii ribosomal-like protein mRNA," complete cds.
GenBank Accession Number: FJ655091

Associate Professor **Maria Dean** and **Cassidy Brandt '06** were co-authors of "Surface Analyses of Biocements from *Pectinaria gouldii* (Polychaeta, *Pectinariidae*) and *Phragmatopoma lapidosa* (Polychaeta, *Sabellariidae*)" that was accepted for publication in *Zoosymposia*.

Assistant Professor of Spanish **Mónica Fuertes-Arboix** wrote a review of the book *Sociedad y ciudad en la poesía de José Agustín Goytisolo* (Jaime María Ferrán) that was published in *Crítica Hispánica*.

Dr. Fuertes-Arboix also had the following accepted for publication: "Un poeta satírico en el exilio: Francisco Sánchez Barbero (1764-1819)." *Romanticismo X: Actas del X Congreso sobre Romanticismo y exilio. Centro Internacional de Estudios sobre Romanticismo hispánico*.

Howard Hall Professor of English **Terry Heller** had his Sarah Orne Jewett Text Project cited as "a remarkably thorough collection of writing by and about Sarah" in the Sarah Orne Jewett Walking Tour brochure.

Associate Professor of Philosophy **John Lemos** had his book *Commonsense Darwinism: Evolution, Morality, and the Human Condition* published by Open Court Press.

Professor of Political Science **Bruce Nesmith** co-authored with Paul J. Quirk "The Presidency: The Unexpected Competence of the Barack Obama Administration" that was published in *The Elections of 2008* (CQ Press, 2009).

Joseph E. McCabe Associate Professor of Religion **Hugh Nicholson** wrote “The Reunification of Theology and Comparison in the New Comparative Theology,” which was accepted for publication in the *Journal of the American Academy of Religion* (forthcoming 2009).

Visiting Professor of English and Writer in Residence **Ann Struthers** authored and published the following:

The Mid-America Poetry Review (Summer-Autumn 2008 and Winter 2008-09 editions)

“Blue Fabrics”

“Changing Tree at the Oji Shrine on New Year's Eve”

“Bare Branches”

Southern Humanities Review (Spring 2008 edition)

“Brave Poets”

“Coleridge and Wordsworth's Gang”

“Dorothy and William at Dove Cottage”

“The Gang Takes Over the Lake Country”

“Coleridge Not a Wedding Guest”

Illya's Honey (Spring 2008 edition)

“Sake”

The Hampden-Sydney Poetry Review (Winter 2008 edition)

“Skaters”

“Summer and Fall”

Minnetonka Review (Winter 2009 edition)

“Star Folk in Iowa”

“Star Bach”

The Des Moines Register (July 13, 2008 edition)

“Planting the Sand Cherry”

Assistant Professor of Teacher Education **Christy Wolfe** had her book review of “School Hazard Zone: Beyond the Silence/Finding a Voice” published by “Education Review--a journal of book reviews” (<http://edrev.asu.edu/reviews/rev719.htm>) an online journal.

Exhibitions/Recitals

Robert O. Daniel Professor of Art **John Beckelman** was invited to show work in the following exhibitions:

- “Ceramics: New Work,” Four Person Exhibition, Olson-Larsen Gallery, Des Moines, IA, 2009
- “Yunomi Invitational,” Group Exhibition, AKAR Gallery, Iowa City, IA, 2009
- “Anniversary Show,” Group Exhibition, Olson-Larsen Gallery, Des Moines, IA, 2009
- “New Work in Clay and Paint,” Group Exhibition Campbell-Steele Gallery, Cedar Rapids, IA, 2008
- “Yunomi Invitational,” Group Exhibition, AKAR Gallery, Iowa City, IA, 2008

Professor of Music **William Carson** had a substantial number of guest conducting appointments within the state of Iowa and led the Coe Touring Wind Ensemble on a tour presenting concerts in Cedar Rapids, Libertyville, Illinois, Taichung and Sanchung, Taiwan, and Hong Kong, where, under the direction of Instructor in Music **Steve Shanley**, he performed as a soloist.

Assistant Professor of Music **Joseph Dangerfield** had the following compositions selected for performance at national and international venues (as noted below the title):

- *Bones in a Landscape* (2008) (poetry by F.D. Reeve)
Ogunquit Center for the Performing Arts, Ogunquit, ME

- *Crux Orthodoxa* (2008) for solo violin and orchestra
St. Nicholas Cathedral, Prague
Vienna Konzerthaus, Vienna
- Esterhazy Palace, Austria
- *Crux Orthodoxa* (2008) for violin and piano — commissioned by Wolfgang David, Austria
Boston University, Boston, MA
St. John's Church, Bowdoin Street, Boston, MA
First Presbyterian Church, Huntington, WV
University of Indianapolis, Indianapolis, IN
The University of Iowa, Iowa City, IA
Northwestern College, Orange City, IA
- *Three Sets* (2008) — commissioned by Lisa Bost, Clarke College
2008 National Flute Association Conference, Kansas City, MO — J. Dangerfield, pianist
San Francisco Conservatory of Music, San Francisco, CA — J. Dangerfield, pianist
Clarke College, Dubuque, IA — J. Dangerfield, pianist
- *Transformations* (2002) electroacoustic music
- *Tryglyph* (2008) for solo piano

Festival of Contemporary Music, San Francisco, CA — J. Dangerfield, pianist

Associate Professor of Art **Lucille Goodson** received second place for her work that was displayed in the regional juried competition, "33rd Annual Rock Island Fine Arts Exhibition," held at Augustana College, April 2009.

Associate Professor of Theatre Arts **Steven Marc Weiss** played the role of Salter in Caryl Churchill's play *A Number* for Stage Left Productions, with performances both in Cedar Rapids (March 6-8) and Iowa City (March 13-15).

Adjunct Assistant Professor of Music **Brett Wolgast** and Teaching Artist in Music **Marita Wolgast** performed four-hand piano duet music on a live broadcast of KSUI Radio's "Know the Score."

Conferences

Professor of Physics **Mario Affatigato**, B.D. Silliman Professor of Physics **Steve Feller** and Associate Professor of Chemistry **Steve Singleton** presented the following posters at the 2008 *Sigma Pi Sigma* Congress:

- "Properties of Bismuth Glasses at Compositional Extremes"
- "Design and Operation of a New Roller Quencher for Rapidly Cooling Melts into Glasses," with Coe student **Amanda Havel**
- "Elucidation of Quadrupole Parameters by Simulation of 10B NMR Powder Patterns," with Coe student **Jack Berkowitz**
- "Laser Induced Modification of Alkali Borate Glasses," with Coe students **Benjamin Franta** and **Landon Tweeton**
- "The Playground of Science: An Annual Outreach Event at Coe College" with Coe students Amy Marquardt, Benjamin Franta, Jack Berkowitz, Maranda Franke, Amanda Havel, Manh Vu
- "Structural Determination of Alkaline-Earth Borosilicate Glasses through Density Modeling," with Coe students **Tyler Mullenbach**, **Maranda Franke**, **Alexander Ramm**, **Tyler Munhollen**
- "Structural Effects of Europium on Lead Borate Glasses" with Coe student **Amy Marquardt**

Professor of Physics **Mario Affatigato**, B.D. Silliman Professor of Physics **Steve Feller**, Associate Professor of Chemistry **Steve Singleton** and Coe students, including **Robert Kramer** and **Manh Vu**

contributed to the following presentations that were offered at the ACerS 2008 Glass & Optical Materials Division Meeting:

- “Structural Study of Rapidly Cooled Lead Silicate Glasses”
- “Lithium Bismuthate Glasses Studied Using Laser Ionization Time of Flight Mass Spectrometry”
- “Molar Volumes and structure of Alkali and Alkaline-Earth Vanadate Glasses”

Professor of Physics **Mario Affatigato**, B.D. Silliman Professor of Physics **Steve Feller**, Associate Professor of Chemistry **Steve Singleton** and Coe students **John Berkowitz**, **Saurav Bista**, **Maranda Franke**, **Benjamin Franta**, **Amy Marquardt**, **Tyler Mullenbach**, **Anthony O’Donovan-Zavada**, and **Alexander Ramm** co-authored the following for presentation at the 6th International Conference on Borate Glasses, Crystals, and Melts (BORATE 2008):

- “A Review of Physical Properties of Borate Glasses Related to Atomic Structure”
- “Packing in alkali and alkaline-earth borosilicate glass systems”
- “Laser Desorption Time of Flight Mass Spectroscopy Applied to Heavy Metal Borates”
- “Laser Induced Modification of Borate Glasses”
- “Physical Properties and Structural Determination of Alkaline Earth Borosilicates”
- “Structural Effects of Europium on Lead Borate Glasses”
- “Simulation of Quadrupole Interactions in 10B NMR Powder Patterns”

Associate Professor of Political Science **Lynda K. Barrow** served as moderator of a panel on “Poverty and Inequality in Latin America: Solutions and Consequences” at the 67th annual meeting of the Midwest Political Science Association.

In addition, Dr. Barrow was an instructor for a Short Course on “Getting a Job at a Teaching Institution—and Succeeding!” at the American Political Science Association in Boston, Massachusetts.

Assistant Professor of Biology **Randy Christensen** and Coe students **Bailey Clark**, **Nick Keyes**, and **Dan Willmer** co-authored and presented the following posters at the 47th Annual MidWest Developmental Biology Meeting:

- Wnt3a in axolotl limb regeneration
- Axolotl (*Ambystoma mexicanum*) regeneration: Wnt7a sequence and expression
- Wnt10a gene expression and sequence in regenerating limbs of axolotls (*Ambystoma mexicanum*)

Professor of Physics **James Cottingham** presented three papers, including two co-authored by his research students, at the July 2008 joint meeting of the Acoustical Society of America and the European Acoustics Association held in Paris:

- **Rohan Krishnamurthy**, **Ian Hempe** and James Cottingham, “Acoustics of the mridangam: Study of a new design of a South Indian drum”
- James P. Cottingham and **Eric A. Dieckman**, “Measured and calculated sounding frequencies of pipes coupled with free reeds”
- “History and acoustics of the Asian free-reed mouth organs”

Assistant Professor of Psychology **Sara Farrell** had her paper *Students Show Reduction in Materialistic Values Following Simple Living Course* accepted for presentation at the 21st Annual Conference for the Association for Psychological Science.

B.D. Silliman Professor of Physics **Steve Feller** and Coe student **Sam Hegland** presented “Borosilicate Research Using MAS-NMR” at the May 2008 R.J. McElroy Student/ Faculty Research Symposium.

In addition, Dr. **Feller** presented “Structural units and bonding in tellurite glasses” with fellow researchers at the Physics of Non-Crystalline Solids Conference.

Professor Feller also offered the keynote address at the 25th Annual Holocaust Memorial Commemoration in Shreveport, Louisiana, presented an educational program on Holocaust-related money at a World War II exhibit held at Yellowstone Boys and Girls Ranch, and participated in a colloquium at Seton Hall University on Holocaust money and related artifacts.

Assistant Professor of Spanish **Mónica Fuertes-Arboix** presented "*La vida cultural en los Países Bajos y Francia según Mesonero Romanos y Modesto Lafuente*" at *La Literatura Española Del Siglo XIX y Las Literatures Europeas* at the University of Barcelona.

Dr. Fuertes-Arboix also shared the following at national conferences:

- "*El compromise con la realidad española de Modesto Lafuente en su libro Viages de Fray gerundio por Francia, Bélgica, Holanda y Orillas del Rbin, (1842)*" at the 21st Annual Pennsylvania Foreign Language Conference
- "*Prim y Lafuente: lance entre caballeros*" at the 50th Annual M/MLA Convention
- "*El deseo hecho verso: historia de un amor efimero en La noche le es propicia, de José Agustín Goytisolo*" at the Kentucky Foreign Language Conference.

Assistant Professor of Political Science **Kimberly Lanegran** participated as a discussant on the panel "Reconsidering Botswana's 'Miracle': Critical Reflections and Future Challenges" at the Annual Conference of the African Studies Association.

In addition, Dr. Lanegran moderated the International Relations-Terrorism panel at the 18th Annual Midwestern Undergraduate Political Science Research Conference.

Associate Professor of Philosophy **John Lemos** presented his paper, "Wanting, Willing, Trying, and Kane's Theory of Free Will," at the meetings of the Iowa Philosophical Society.

Associate Professor of Biology **Michael R. Leonardo** presented the following poster at the 2008 North Central Branch of the American Society for Microbiology Meeting:

- "Molecular Characterization of Five Bacterial Types Isolated from the Marine Polychaete Worm *Pectinaria gouldii*," with Coe student **Laura D. Steele**.

Joan and Abbott Lipsky Professor of Political Science **Bruce Nesmith** presented a paper entitled "A Congressional Election Simulation for a Small Class" and served as moderator of a panel on "Presidents and Parties" at the 67th annual meeting of the Midwest Political Science Association. In addition, Dr. Nesmith served as moderator on the Political Theory panel at the 18th Annual Midwestern Undergraduate Political Science Research Conference.

Professor of Chemistry **Marty St. Clair** presented a poster titled "Research Experiences for Incoming Students: The Carver Program at Coe College" at the 2008 National Meeting of the Council on Undergraduate Research.

Assistant Professor of Nursing **Brenda Shostrom** presented her paper, "Mothering a Depressed Adolescent" at the American Psychiatric Nurses Association Annual Meeting and Conference.

Assistant Professor of English **Melissa Sodeman** shared the following presentations:

- "*'Hackney'd Perdita': Mary Robinson, Celebrity, and the Sentimental Novel*," at the Midwest Modern Language Association
- "Mary Robinson at the Limits of Sentimental Cliché," at the British Women Writers Association

Adjunct Assistant Professor of Rhetoric **Deborah Wooldridge** was an invited speaker at the South Dakota Bilingual and Bicultural Educational Association, where she presented "More to Language than Words: Embedded values, thinking patterns, and cultural change."

