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Schedule of Events

Monday, March 18, 2002

- 4:30 pm** *The Big Picture: Four Cultures of Western Christianity*
Fr. John O'Malley, S.J., Distinguished Professor of Church History,
Weston Jesuit School of Theology
Welcome by Rev. Edward Glynn, S.J., President
(Conference Room, Lombardo Student Center)
- 7:00 pm** *Scholarship Night at the Movies: GATTACA*
(Jardine Room, LSC)

Tuesday, March 19, 2002

- 10:00 am** **Poster Displays**
- **6:00 pm** (Atrium, LSC)
- 10:00** **Panel/Paper Presentation: Session A**
- **11:30 am** (O'Dea Seminar Room 3, LSC)
- (A.1) *The Effect of Familiar Melodies on Initial Learning and Long Term Memory*
Dr. David W. Rainey, Dr. Janet D. Larsen, Psychology
- (A.2) *Scholarship, Technology, and Teaching*
Dr. Paul Nietupski, Religious Studies; Dr. Wendy Shapiro, Director,
Instructional Technology Services
- (A.3) **PANEL DISCUSSION: SIFE is a Highway**
Beth Henry, Chad Treboniak, Undergraduate Students; SIFE students;
Advisor: Dr. Diane H.B. Welsh
- 12:00** *Everything You've Wanted to Know About the*
- **1:30 pm** *IRB But Were Afraid to Ask*
Moderator: Dr. Mary E. Beadle
Lunch Session
(Faculty Lounge, Administration Building)

3:30 **Panel/Paper Presentation: Session B**
- 4:45 pm **(Grauel Presentations)**

Moderator, Dr. Mary Beadle, Graduate School
(O'Dea Seminar Room 4, LSC)

(B.1) *Adaptive Cannibalism In Wolf Spiders: Reproductive Condition And Kinship Dictate Dietary Preferences*

Dr. Carl Anthony, Biology

(B.2) *Catching' Free Radicals*

Dr. Catherine Miller, Chemistry

(B.3) *Love and Justice in Three Dimensions*

Dr. Thomas Schubeck, Religious Studies

(B.4) *The Problem of Evil in the Western Tradition*

Dr. Joseph Kelly, Religious Studies

(B.5) *Studies of Microbiotic Crusts in the Arid Western United States*

Dr. Jeffrey Johansen, Biology

4:00 **Poster Presentations, Group 1**

- 5:00 pm See page 12 for a list of presenters. (Atrium, LSC)

5:00 **Poster Presentations, Group 2** (Atrium, LSC)

- 6:00 pm See page 12 for a list of presenters.

5:00 **Panel/Paper Presentation: Session C**

- 6:30 pm (O'Dea Seminar Room 4, LSC)

(C.1) **PANEL DISCUSSION:** *Women in the Media: Qualitative Studies of the Portrayal of Women in Advertising*

Moderator: Dr. Margret Algren, Communications

Panelists: Kevin-Khristian Cosgriff Hernandez, Maria Thomas, Kevin Bachman, Graduate Students, Communications Management

(C.2) **PANEL DISCUSSION:** *Collaborative Teaching, Collaborative Learning: Training Future Teachers of Writing*

Moderator: Sydnie De Franco, Visiting Instructor, English

Panelists: Thomas Hayes, Instructor, English; EN 489 Students: Kathleen Davis, Paula Hennessey, Jeremy Sobeck, and Erica Thomas, Graduate Students; Amy Hayek, Undergraduate Student

(C.3) PANEL DISCUSSION: *The Process of Participation in the Andersen Tax Challenge*

Moderator: Dr. Gerald Weinstein, Accountancy

Panelists: Amanda Detki, Jason Codispoti, Brigid Dyczek, Andy Brahm

7:00 pm *Scholarship Night at the Movies: CRACKING THE CODE OF LIFE*
(Jardine Room, LSC)

Wednesday, March 20, 2002

10:00 **Panel/Paper Presentation: Session D**

- **11:30 am** (O'Dea Seminar Room 3, LSC)

PANEL DISCUSSION: *Contemporary Social Issues in American Society*

Moderator: Dr. Phyllis Braudy Harris, Sociology

Panelists: Julie DiGello, Catie Wentz, Lindsey Fello, Mary Pat Jolivette, Kimberly DeSimone, Jessica Margocs, Greg Ericksen, Students

12:00 *Developing & Teaching Multidisciplinary Classes*

- **1:30 pm** Moderator: Dr. Marc Lynn

Lunch Session

(Faculty Lounge, Administration Building)

2:30 **Panel/Paper Presentation: Session E**

- **3:45 pm** (O'Dea Seminar Room 3, LSC)

(E.1) *Virginia Woolf's To the Lighthouse: A Vision of the Female Artist*

Vincent Contrucci, Center for Community Services

(E.2) PANEL DISCUSSION: *Enlightenment Through Reading Groups*

Moderator: Dr. Shirley Seaton, Multicultural Affairs

Panelists: Dr. Emily Bernard, University of Vermont; Dr. Helene Sanko, Dr. Thomas Nevin, Classical & Modern Languages; Catherine Anson, Graduate School; Pat Dawson, Information Services

4:00 **Faculty Forum**

- **5:30 pm** (Conference Room, LSC)

5:00 **Langston Hughes Reading Group**
- **6:00 pm** (Faculty Lounge, Administration Building)

5:30 ***A Celebration of Scholarship! Reception***
- **7:00 pm** Remarks by Dr. David LaGuardia, Interim Academic Vice
President
(Atrium, LSC)

Thursday, March 21, 2002

12:00 ***Dolan Center for Science & Technology:***
- **1:30 pm** ***Construction Update***
Moderator: Dr. David Ewing
Brown Bag Lunch & Presentation
(Meeting Room A Rodman Hall)

3:30 **Panel/Paper Presentation: Session F**
- **5:00 pm** (O’Dea Seminar Room 4, LSC)

(F.1) *The Meanings of the Term “Bibliography”*
Charles Zarobila, Grasselli Library

(F.2) *Two Faces of Nietzsche’s Eternal Return of the Same*
Paul Van Rooy, Undergraduate Student; Dr. James Swindal, Philosophy

(F.3) *Birdy Birds, Busy Bees and Tall Women: Prototypes in Psycholinguistics*
Réka Barabás, Graduate Student, Communications

(F.4) **PANEL DISCUSSION: *Building Emotional and Social Competence in Children and Teens***

Moderator: Dr. Nancy P. Taylor, Education & Allied Studies
Panelists: Brian Sinchak, Robin Schlesinger, Lesa Collins, Graduate Students, Education & Allied Studies



Monday, March 18, 2002

4:30 p.m.

**The Big Picture:
Four Cultures of Western
Christianity**

Fr. John O'Malley, S.J.

A.B., Ph.L., M.A., S.T.L., Ph.D. (Harvard University)

**Distinguished Professor of Church History
Lecture**

LSC Conference Room

Welcome by Rev. Edward Glynn, S.J., President

John W. O'Malley, S.J. is presently on academic leave from the Weston Jesuit School of Theology, Cambridge, Massachusetts, where he is the Distinguished Professor of Church History. During this academic year he serves as the Loyola Professor of The Humanities at Fordham University. Father O'Malley is the author of a number of scholarly books and articles, one of the editors of the University of Toronto Erasmus editions, past president of both the Catholic Historical Association and the Renaissance Society of America. He is also a fellow of the American Academy of Arts and Sciences. This year, he was awarded the Citation for Career Achievement by the Society for Italian Historical Studies. His book *The First Jesuits* (Harvard Press, 1993) has become a recognized classic in the area of Jesuit historical studies. His most recent publication is *Trent and All That*. His books have won four prizes.

Sponsored by
The Office of Mission & Identity,
The Cardinal Suenens Program, and
The Graduate School

Scholarship Nights at the Movies!

Faculty, Staff, Administrators, and Students are invited to relax and enjoy a entertaining presentation of scholarship and research. Popcorn and refreshments provided.

Monday, March 18, 2002 at 7:00 PM

Jardine Room

GATTACA

In the guise of a science fiction film, Andrew Niccol's *Gattaca* raises issues about human stamina, the limitations caused by classifications, and real identity versus perception. It elates a young man's lifetime quest to become an astronaut in a futuristic setting that disallows progression of inadequate humans to higher societal ranks. Not having the genetically engineered superiority that his brother had, Vincent (**Ethan Hawke**) abandons his family and his hopeless past for an illegal alternative — he buys the genetic material of paraplegic Jerome Morrow (**Jude Law**) to obtain a position at Gattaca space center, where he will get the chance to fulfill his dream of space exploration. Co-habitants of a pristinely spotless condo, Jerome's weakness for alcohol becomes apparent, while Vincent's relentless pursuit of his dream maintains camaraderie between them. While Vincent prepares for his flight into space, a mission director gets murdered, and Vincent becomes a suspect, much to the dismay of the intrigued Irene (**Uma Thurman**), whose heartache serves as reflective of other characters in the film. He finds himself plagued by the thoughts of being framed, but more urgently that his true identity will be revealed, the consequential thwarting of his dreams by either one equally devastating. — Sarah Sloboda



From the All Movie Guide at www.allmovie.com

Scholarship Nights at the Movies!

Faculty, Staff, Administrators, and Students are invited to relax and enjoy a entertaining presentation of scholarship and research. Popcorn and refreshments provided.

Tuesday, March 19, 2002 at 7:00 PM

Jardine Room

Cracking the Code of Life

Does it amaze you that yeast is your very close relative? That you possess roughly the same number of genes as a mouse? That you are 99.9% genetically identical to every other human? ABC *Nightline* correspondent Robert Krulwich lends a lighthearted touch to genetic science in this provocative two-hour *NOVA* special that takes you inside the amazing, complex and contentious race to decode the human genome.

The Human Genome Project was born in 1990, when an international consortium of labs set out to sequence all 3 billion letters of our DNA, predicting they'd finish by 2005. Halfway through their schedule, controversial scientist and entrepreneur J. Craig Venter threw the genome world into turmoil, when he announced his for-profit company Celera could finish the job in just two years. Francis Collins, leader of the publicly-funded effort, and MIT's Eric Lander were among the scientists who answered Venter's challenge. The result made history and laid the foundation for a remarkable future.



Armed with this powerful information, medical pioneers are in the midst of astonishing breakthroughs that will change medicine as we know it. Will you get cancer, arthritis, or Alzheimer's? The answer lies in your genetic code--but the question is: Do you want to know? And will these new discoveries eventually lead to cures?

- From the WGBH website
- Picture from www.abc.net.au

Tuesday, March 19, 2002

12:00-1:00 PM

**Everything You've Wanted to Know
About the IRB, But Were Afraid to Ask**

Moderator: Dr. Mary E. Beadle
Members of the Institutional Review Board:

Dr. Miles Coburn

Dr. Benjamin Forbes

Dr. Penny Harris

Dr. Amy Hoffman

Dr. Paul Lauritzen

Dr. Sheri Young

Discussion and Lunch

Faculty Lounge

Confused about what research should be filed with the IRB? Curious about the origins of IRBs? Want to find out about current developments in federal oversight and have a free lunch?

Faculty are invited to join members of the Institutional Review Board for the Protection of Human Subjects at a luncheon discussion in the Faculty Lounge. The new, easier to fill out, IRB application will be available.

Wednesday, March 20, 2002

12:00-1:30 PM

Developing & Teaching Multidisciplinary Classes

Dr. Marc Lynn, Center for Teaching & Learning

Dr. Brenda Wirkus, Philosophy

Dr. Paul Thomson, Philosophy

Rev. Thomas Schubeck, SJ, Religious Studies

Dr. Larry Cima, Economics & Finance

Dr. James Lissamore, Biology

Discussion and Lunch

Faculty Lounge

Developing and teaching multidisciplinary classes challenges even the most experienced faculty members. Not only are they required to deal with new materials and subject matter, but new pedagogical approaches may be necessary in order to be effective in a multidisciplinary, team-taught course.

Faculty are invited to join in a discussion with some colleagues who have successfully met these challenges and are willing to share their experiences. Lunch will be provided in the Faculty Lounge.

Thursday, March 21, 2002

12:00-1:30 PM

**Dolan Center for Science & Technology:
Construction Update**

Ronald Payto, Executive Director
for Administrative Services

Dr. Nick Baumgartner, Dean, College of Arts & Science
Neill Distad, Collins Gordon Bostwick Architects

Dr. David Ewing, Chair, Dolan Center User Committee

Presentation and Brown Bag Lunch

Rodman Hall Meeting Room A

Faculty, Staff, Administrators, and Students are welcome to join us at a Brown Bag Lunch for updates on the construction of the new Dolan Center for Science & Technology.

Ground was broken for the Dolan Center for Science and Technology in June of last year. The Dolan Center will be a state-of-the-art science teaching and research building, a university gathering and meeting place, home to major university outreach programs, and a parking garage. Design features and construction progress will be reviewed in this presentation. A question and answer session will follow the 30 minute presentation.

Beverages and dessert will be provided.

POSTER PRESENTERS (*Main Presenter)**Presenting on Tuesday, March 19, 2002, 3:30-5:00 PM**

(#1) The Bibliographic Foundation of Scholarship

*Kathy Kobyljanec, Ruth Connell, Library

(#3) *Hey, Whatta Youse Lookin' At?:* An Inquiry into the Use of a Second Person Pronoun Variant, Nominative Case

Catherine Anson, Graduate Student; Advisor: Dr. Carin Ruff, English

(#5) Ethnic Identity: A Measure of Perception and Behavior Among Third-Generation Slovenians

*Elaine F. Hocevar, Graduate Student; Advisor: Dr. Ernest DeZolt, Sociology

(#7) The Ethics of the Media in a Capitalistic System

*Kevin-Khristian Cosgriff-Hernandez, Graduate Student, Communications Management; Advisor: Dr. Mary Beadle, Graduate School

(#9) Science Ethics Component to Chemistry's Summer Research Experience for Undergraduates Program

*Dr. David Ewing, Chemistry; Dr. Earl Spurgin, Dr. Paul Thomson, Philosophy

(#13) Analysis of Carboxylate Modified Aluminum Isopropoxide as a Precursor for Sol-Gel Synthesis of Alumina Thin Films

*Dr. Mark J. Waner, Chemistry; Laura Sterk, Kelly Kopp, Undergraduates

(#15) Synthesis of Metal Complexes of HAT-(CN)₆

*John Morris, Undergraduate; Advisor: Dr. Paul Challen, Chemistry

(#17) The JCU Graduate-Level Counseling Internship at the Cleveland Clinic Foundation

*Kevin P. Feisthamel, Graduate Student; Dr. Karen Broer, PhD, Psychologist, PCC-S, Cleveland Clinic Foundation; Dr. Leo Pozuelo, Psychiatrist, Cleveland Clinic Foundation; Jim Ryser, Graduate Student

(#19) September 11: How it Changed Foreign Policy Among the United States, China and Japan

*Meghan Ehrlich, Undergraduate Student; Advisor: Dr. Susan Long, Sociology

Presenting on Tuesday, March 19, 2002, 5:00-6:30 PM

(#2) Traces of Evolutionary History

*Melissa Allen; Dr. Susan Long, Dr. Phyllis Braudy Harris, Sociology

(#4) Acoustic Studies of Single Bubble Sonoluminescence

*Mary Kate Boyle, Graduate Student; Advisor: Dr. Klaus Fritsch, Physics

(#6) Is This the Right Number?

*Erin M. Zuercher, Undergraduate; Advisor: Dr. Barbara D'Ambrosia, Math

(#8) Determination of Kinetic Parameters of Hydrogen Abstraction Reactions Using *Ab Initio* Methods

*Kathleen Jagodnik, Undergraduate Student; Advisor: Dr. David W. Ewing, Chemistry

(#10) Literacy Specialist Project: Promoting Literacy Education through Partnership between Ohio Department of Education, Universities, and Schools

*Kay Milkie, Field Faculty for Literacy Specialist Project; *Leslie Landreth, Project Assistant; *Dr. Catherine Rosemary, Project Director

(#11) The Importance of People

Erin Huffman, Leah Scherlacher, Undergraduates

(#12) Characterization of HAT(CN)₆ Anions

*Shane McGill, John Morris, Undergraduate Students; Advisor: Dr. Paul Challen, Chemistry

(#14) Timed Performance of Children with ADHD on Timed Measures of Academic Fluency

*Emily Walton, Undergraduate Student; Dr. Lisa Stanford, Pediatric Neuropsychologist, Cleveland Clinic Foundation; Dr. Joseph Kulas, Neuropsychologist Resident, Cleveland Clinic Foundation; Advisor: Dr. Janet Larsen, Psychology.

(#16) Determination of Cosolvent Effects on Peptide/Nucleotide Interactions

*James Bellar; Dr. David Mascotti, Chemistry; Dr. David Ewing, Chemistry

(#18) Quantitative Determination of the Thermodynamic Equilibrium Constant for the Interaction of the Iron Responsive Protein-1 with the Iron Responsive Element

*Laureen Lenchak, Undergraduate; Dr. David Mascotti, Chemistry

(#20) The Effect of Propaganda and Speech Content on the Confidence of College Students in the President of the United States

*Rachel Duchoslav, Undergraduate; Kristen Cipriani, Michael Dentler, Heather Dukes, Undergraduate Students

(#21) Extracting Swarm Control Algorithms through Observation of Human Swarms

*Jon Murton, Undergraduate; Advisor: Dr. Daniel Palmer, Math

(#22) Matsuri: The Changing Festivals of Japan

*Michael Pratt, Undergraduate; Advisor: Dr. Susan O. Long, Sociology

(#23) Chemistry for Kids Summer Camp

*Faith A. Whitworth

(#24) Overview of the Summer Chemistry Research Program

*Dr. Michael A. Nichols, Department of Chemistry

POSTER ABSTRACTS

(#1) **The Bibliographic Foundations of Scholarship**

Kathy Kobyljanec, Assistant Librarian and Ruth Connell, Assistant Librarian,
Grasselli Library

Scholarship is defined as “the methods, discipline, and attainments of a scholar” and also as “knowledge resulting from study and research in a particular field.” The library, and the resources it holds in a variety of formats, remains an essential repository of and gateway to that knowledge. To illustrate the basics and mechanics of scholarship, the poster shows some of the data which may be obtained from a fairly basic search on a current topic. The topic chosen to illustrate this is the 2000 Presidential election. The methodology of research and use of appropriate sources are outlined. The varieties of avenues that can be explored by a researcher include books, scholarly journal articles, news items, photographs, internet sites, court cases, polls and government information.

(#2) **Traces of Evolutionary History**

Melissa Allen, Undergraduate Student; Dr. Susan Long, Dr. Phyllis Braudy Harris,
Sociology

Science is a changing process. There are relatively few things of which we can be undeniably certain. An issue that exemplifies this dilemma perhaps better than any other is the question of human origin. Several leading anthropologists have published differing views on when humans became fully human in both body and behavior, and where human culture first flourished. The Middle East, Africa, and Europe are all major regions on which they focus their debate. Scientists have recently proposed genetic explanations to explain our ancestors’ cognitive and behavioral modifications. Facing a lack of relevant fossils to examine, the dilemma of our origin remains.

Theories, though some are unfounded and are rather cursory, provide powerful tools in the search for answers. Most anthropologists agree that the first human ancestors appeared between 5 and 7 million years ago, they began creating stone tools 2.5 million years ago, and subsequently began to migrate out of Africa into parts of Europe and Asia. Beyond this point, several explanations emerge. Using what seems certain, however, allows one to critically assess the available anthropological evidence and apply their theories to develop a rational description of the traces of evolutionary history. This presentation purports to examine several prominent anthropological theories to develop an alternative theory that explains human origin, culture, and hypothesizes on the future of *Homo sapiens*.

(#3) **HEY, WHATTA YOUSE LOOKIN’ AT?: AN INQUIRY INTO THE USE OF A SECOND PERSON PRONOUN VARIANT, NOMINATIVE CASE**

Catherine Anson, Graduate Student; Advisor: Dr. Carin Ruff, English

Historically, the English language supplied a second person singular pronoun (thee, thou) distinguishable from the second person plural (you). When “thee” and “thou” fell out of favor by 1900, the same word was used for singular and plural person. Several attempts have been made to create a differentiable second person pronoun in the nominative case with dialect variations formed by using inflectional endings, by compounding, and by attrition. Prescriptive grammarians condemn these words as vulgarisms used by uncouth, uneducated, lower class denizens. Who is using these pronoun variants and is the situation changing?

(#4) Acoustic Studies of Single Bubble Sonoluminescence

*Mary Kate Boyle, Graduate Student; Advisor: Dr. Klaus Fritsch, Physics

(#5) Ethnic Identity: A Measure of Perception and Behavior Among Third-generation Slovenians

Elaine F. Hocevar, Graduate Student; Master's Thesis, Institute of Humanities;
Faculty Advisor: Dr. Ernest DeZolt

The purpose of this study is to assess Slovenian ethnic identity by examining the degree to which "being Slovenian" is salient for third-generation descendants. The research question under consideration is whether ethnic identity, if present, is the result of role identity or social identity factors. Phinney's (1992) Multigroup Ethnic Identity Measure instrument is used in this research to identify the factors of affirmation, belonging, and commitment associated with the *perception* of Slovenian social identity. An additional survey instrument created by the author is used to identify *behavioral patterns*, established through roles that reflect a sense of ethnic identity. Through these surveys, this study compares the self-perception of ethnic identity to the structural analysis of roles and their influence on identity. While the study on Cleveland Slovenians applies considerable methodological rigor, when compared with many studies on ethnic identity, it does not include all measures of ethnic identity formation included in the literature.

(#6) Is This The Right Number?

Erin M. Zuercher, Undergraduate Student; Dr. Barbara K. D'Ambrosia, Associate Professor, Department of Mathematics and Computer Science

Identification numbers are used everywhere in our world today, from UPC codes on products at the grocery store to social security numbers to checking account numbers and credit card numbers. It is possible to make different kinds of errors when dealing with these numbers and thus many identification numbers, which have become more complex over the years, involve a built-in means for verifying whether certain numbers are valid. Certainly, different types of identification numbers have different check schemes and each method may detect a different kind of error. Currently no such scheme exists for Social Security Numbers, which are widely used in our society. This research has led to the development of a check digit scheme which could be implemented for Social Security Numbers in the future.

(#7) The Ethics of the Media in a Capitalistic System

Kevin-Khristian Cosgriff-Hernandez, Graduate Student, Communications Management; Advisor: Dr. Mary Beadle, Graduate School

The media as we know it today was created and has evolved in a capitalistic system. The basic principles of capitalism presented by Karl Marx pose several ethical issues for the industry to consider. Specifically, the evolution of the media and what it means to us as we approach the millennium. This paper analyzes the media with regards to Marx's critique of the capitalistic system. Using his thoughts and approach, ethical issues concerning objectivity, exploitation of the working class, excessive concentration of capital and modern technology are presented. Their effects on the media, our government and society are also addressed.

(#8) An *Ab Initio* Quantum Chemical Study of Hydrogen Abstraction Reactions of Propane And Propene"

*Kathleen M. Jagodnik, Undergraduate Student; David W. Ewing, Chemistry

A detailed study of hydrogen abstraction reactions is important for the understanding of combustion and the processing of petroleum and natural gas. Hydrogen abstraction reactions of propane and propene, e.g. $C_3H_8 + H \rightarrow C_3H_7 + H_2$, both primary and secondary abstraction, have been studied using Hartree Fock (HF) and many body perturbation theory (MPn) calculations which employed DZP and pVTZ basis sets. The calculations were performed with Gaussian 98, running on a PC workstation and on the Ohio Supercomputer Center's Cray T90. Transition state structures, determined at the HF/DZP level, and activation energies have been calculated at various levels of theory. A general decrease in activation energy is found as the level of theory is improved, and experimental accuracy is essentially achieved at the MP4/pVTZ//HF/DZP level. These results are similar to those obtained for the analogous reactions of methane, ethane, and propane. Funded by the National Science Foundation REU Program.

(#9) Science Ethics Component to Chemistry's Summer Research Experience for Undergraduates Program

*David Ewing, Department of Chemistry; Earl Spurgin and Paul Thomson, Department of Philosophy

Students in JCU Chemistry's REU (Research Experience for Undergraduates) 2000 and 2001 programs were introduced to ethical issues in the conduct of science by way of a weekly seminar which utilized case studies. Chemistry faculty were introduced to the teaching of science ethics and the case study method in two day workshops which preceded the summer research programs. The faculty workshops were conducted by outside consultants and JCU Philosophy faculty. In 2000 the weekly seminars were conducted by Philosophy faculty. In 2001 the weekly seminars were conducted by Chemistry faculty, assisted by Philosophy faculty. Other activities in the ethics component of the REU included discussions with panels of recent alumni and senior chemical professionals, and the students writing their own cases. This program will continue as part of Chemistry's summer research program. It has also spawned the use of case studies of ethical issues in chemistry courses at JCU. Funding was provided by the National Science Foundation and the JCU Applied Ethics Program.

(#10) Literacy Specialist Project: Promoting Literacy Education through Partnership between Ohio Department of Education, Universities, and Schools

*Kay Milkie, Field Faculty for Literacy Specialist Project, John Carroll

University; *Leslie Landreth, Project Assistant; *Dr. Catherine Rosemary, Project Director, Education & Allied Studies

This presentation describes a statewide professional development initiative to improve literacy education through the dissemination of a core curriculum for K- 3 educators. The project involves a network of literacy specialists (teachers with a master's degree in literacy education and/or reading endorsement), university reading faculty, classroom teachers, and state department officials. Through monthly meetings and on site visits, the faculty guide and mentor literacy specialists. The literacy specialists, in turn, facilitate the professional development sessions at school sites and provide in-classroom coaching to participating teachers. The project aims to develop teachers' knowledge, skills, and

dispositions essential for effective literacy teaching. Nine universities, 158 literacy specialists, and 103 Ohio schools are involved in the project.

(#11) The Importance of People

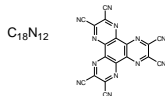
Erin Huffman And Leah Scherlacher (Undergraduates In Middle Childhood Education Program)

This poster displays the basic ideas behind an integrated unit themed “The Importance of People.” This theme will introduce students to important figures in our society and in various disciplines. This unit is developmentally responsive to middle school students for a number of different reasons. First, the unit will provide students with the opportunity to do a lot of hands-on activities. We know that students at this age need to keep moving and be actively involved in what they are learning. Second, they will be able to make connections between multiple subject areas. Third, the students will be focusing part of their projects on themselves. This is important because of students’ egocentric attitudes in the middle grades. Finally, this unit allows students to work cooperatively in small groups, which is an important aspect of providing for student differences.

(#12) Characterization of HAT-(CN)₆ Anions

Shane McGill, John Jacob Morris, Students; Dr. Paul R. Challen, Dr. Dave W. Ewing, Chemistry; with funding from the Petroleum Research Fund

The emerging field of molecular metals (organic/metallo-organic compounds which conduct electricity) and molecular magnets (organic ferromagnets) began with the discovery of interesting properties in [Cp*₂Fe-TCNE] and [TTF⁺-TCNQ]—magnet and conductor, respectively. Our laboratory has been researching HAT-(CN)₆, a trigonal cyanoazacarbon, because of its similarities to TCNE and TCNQ; all are reducible organic compounds that contain all or mostly carbon and nitrogen.



Appropriate investigation of magnetic and electronic properties of HAT-(CN)₆ entails the characterization of as many of its four reduced forms as possible. The monoanion of HAT-(CN)₆ has been synthesized in combination with the radical cation, TMPD⁺, in addition to various other counterions. Preliminary X-ray crystallographic and magnetic measurements have been obtained. Attempts are currently being made to improve the crystal structure and interpret the complex magnetic data. Recently, the HAT-(CN)₆ dianion was synthesized for the first time in pure, soluble form by reacting [But₄N][HAT-(CN)₆] with cobaltocene.

(#13) Analysis of Carboxylate Modified Aluminum Isopropoxide as a Precursor for Sol-Gel Synthesis of Alumina Thin Films

Kelly Kopp, Laura Sterk and Dr. Mark J. Waner, Department of Chemistry
Alumina is an especially important refractory oxide that is frequently used as a catalyst support and as a protective barrier coating. Sol-Gel techniques allow the low temperature synthesis of refractory oxides. The sol-gel process involves the controlled hydrolysis and condensation of metal centers to build up polymeric networks and colloidal sols. Much of the sol-gel synthesis of alumina and related substances has been

done by hydrolyzing aluminum ions in a large excess of water, forming monolithic gels or colloidal particles. This work examines the use of carboxylate modified aluminum isopropoxide, which is then hydrolyzed with much smaller molar ratios of water. Fourier Transform Infrared (FTIR) spectroscopy is utilized to follow the initial alkoxide modification and then the controlled hydrolysis and the competing condensation reactions. The goal of this work is to understand how control of the synthetic pathway can be used to tailor the properties of alumina thin films produced.

(#14) Timed Performance of Children with ADHD on Timed Measures of Academic Fluency

*Emily Walton, Undergraduate Student; Dr. Lisa Stanford, Pediatric Neuropsychologist, Cleveland Clinic Foundation; Dr. Joseph Kulas, Neuropsychologist Resident, Cleveland Clinic Foundation; Advisor: Dr. Janet Larsen, Psychology.

(#15) Synthesis of Metal Complexes of HAT-(CN)₆

John Morris, Dr. Paul Challen, Department of Chemistry

The combination of redox-active organic fragments with paramagnetic transitional metals in molecular structures with controlled architecture represents an exciting new addition to the field of materials chemistry. These compounds have the potential to be used in a wide range of scientific and commercial applications. The synthesis of complexes of HAT-(CN)₆ with redox-active and magnetically active metals was investigated. HAT-(CN)₆ is a cyanoazacarbon that has four reversible reduction steps. It is a moderately strong electron-acceptor that can function as a multidentate bridging ligand through three pairs of phenanthroline-like nitrogen donors. HAT-(CN)₆ was combined with compounds of Molybdenum and Vanadium in order to form complexes that were studied using a range of spectroscopic and analytical techniques including IR spectroscopy, UV-VIS spectroscopy, and pending formation of crystals, X-ray crystallography.

(#16) DETERMINING THE EFFECT OF COSOLVENTS ON PEPTIDE-NUCLEOTIDE INTERACTIONS

James Bellar; Dr. David Mascotti, Dr. David Ewing, Chemistry

Peptide-Nucleotide interactions are vital for DNA metabolism and gene expression. Often, the favorable free energy of binding is provided by electrostatic interactions. The binding constant of electrostatic interactions are expected to increase if the dielectric constant of the system is decreased. This can be accomplished by adding cosolvents such as glycerol, methanol, or ethylene glycol. However, experimental data show that the binding constant decreased in the presence of glycerol. Thus, this system was modeled using HyperChem in an attempt to explain this phenomenon. A four amino acid peptide (Lys-Trp-Lys-Lys) was allowed to interact with an eight nucleotide oligouridine RNA strand in the presence of glycerol, ethylene glycol, methanol, or water to test the cosolvent effect on the system. The systems were optimized using Steepest Decent at a dielectric constant of 60. Molecular Dynamics simulations were performed on the optimized systems using a 20 ps heat phase, 2 ps run phase and a 10 ps cool phase. The final structures were optimized again using Steepest Decent. The results suggest that the glycerol binds preferentially to the peptide-nucleotide complex versus peptide or nucleotide alone. This binding would lower the entropy of the system, thus decreasing the binding constant of the system.

(#17) The JCU Graduate-Level Counseling Internship at the Cleveland Clinic Foundation

Kevin Feisthamel, Graduate Student; Karen Broer, PhD, Psychologist, PCC-S, Cleveland Clinic Foundation; Leo Pozuelo, MD, Psychiatrist, Cleveland Clinic Foundation; Jim Ryser, Graduate Student

John Carroll University and the Cleveland Clinic Foundation's Department of Psychiatry/Psychology, "17th nationally ranked...US News & World Report," collaborated to create an internship for students in the Masters Community Counseling program. Dr. Karen Broer serves as clinical director, and Dr. Leo Pozuelo serves as program advisor. The program is structured for two academic semesters or 30 weeks. The purpose of the internship is to provide a comprehensive training program in counseling. The objectives are designed to meet licensure requirements for a Professional Clinical Counselor and provide training to produce a competent clinician who could practice in an academic or clinical setting. The internship involves education, clinical experience, and supervision in several rotations, including Health Psychology, Consultation Liaison, Alcohol/Drug Recovery and Inpatient/Outpatient Psychiatric. Competencies include interviewing, diagnosis, treatment, case management, administration, professional, legal/ethical and research. The internship promotes collaboration in the disciplines of psychiatry, psychology and counseling.

(#18) Quantitative Determination of the Thermodynamic Equilibrium Constant for the Interaction of the Iron Responsive Protein 1 with the Iron Responsive Element
Lauren M. Lenchak, Dr. David P. Mascotti, Chemistry

The synthesis of a number of genes important for iron metabolism is regulated by the reversible interaction of Iron Responsive Proteins (IRP1 and IRP2) with Iron Responsive Elements (IREs). The conserved IREs are stem-loop structures found within the mRNA of these genes. The affinities of the IRPs for different IREs have been measured qualitatively, but limited quantitative data exists. Where such data is available, there are considerable discrepancies between different laboratories. For instance, the reported K_D for IRP1 binding to the IRE found in ferritin ranges from 60 pM to 80 nM. Thus, the goal of this project is to determine if bandshift assays can be used as quantitative reporters of binding affinity, and if so, quantitatively measure IRP1-IRE affinities. Preliminary evidence suggests that IRP1-IRE complexes dissociate during agarose gel electrophoretic mobility shift assays (EMSAs). Therefore, thermodynamic binding data obtained from EMSAs are likely to be unreliable, casting some doubt on previously published binding affinities.

(#19) September 11: How It Changed Foreign Policy Among the United States, China and Japan

Meghan Ehrlich, Undergraduate Student; Dr. Susan Long, Sociology

September 11, 2001 is often referred to as a day that changed the lives of American citizens and our relations with the Islamic world. It has also had an impact on the United States' foreign policy with other countries, including those of East Asia. Relations between China and the United States before the terrorist attacks were maintained with little hostility only because of a delicate balance that may have led to extreme action by either country. Japan and the United States have had a strong relationship since the post World War II era. The events of September 11 have caused improved communications

with the United States on the part of both countries. This paper explores some aspects of United States foreign policy with China and Japan before and after September 11.

(#20) The Effect of Propaganda and Speech Content on the Confidence of College Students in the President of the United States

Rachel Duchoslav, Kristen Cipriani, Michael Dentler, Heather Dukes,
Undergraduate Students; Dr. Kristie Payment, Department of Psychology

Previous to this groundbreaking study on the recent terrorist attacks on America, it was unclear whether the topic of terrorism or the presence of propaganda had an effect on confidence in the President. This study investigated the question of interest by testing the confidence of college students (32 males and 48 females) after viewing a videotape of President Bush speaking about the terrorist attacks of September 11, 2001 and again after viewing a videotape of President Bush speaking about Healthcare, while in the presence or absence of Nationalistic Propaganda. A 2 x 2 Mixed Factorial design tested confidence across the between subjects variable, Propaganda, and the within subjects variable, Speech Content. Results supported the hypothesis that the Crisis Speech would elicit significantly higher confidence than the Non-Crisis Speech. However, Propaganda did not cause a significant difference between groups, nor was there an interaction of the two variables.

(#21) Mining For Distributed Control Algorithms By Observing Human Swarm Behavior

Jon Murton; Dr. Daniel Palmer, Mathematics and Computer Science

To further understand the complexities of swarm behavior and develop collective programming techniques, we have performed a series of experiments using 100 humans as swarm agents. The human agents have advanced capabilities in interpreting visual data, path planning and reasoning as compared to mechanized or insect agents. The human swarm acts as a collective through subtle communication, social conditioning and group psychology. When presented with a simple problem, the human agents can formulate method to individually solve their portion of it. The interactions of all the agents combine to reach the overall goal of the swarm. We are mining the observations of these experiments to fashion algorithms that approximate the human solution using simulated robotic agents that do not understand the problem. One of the experiments that we are investigating is self-grouping based on color characteristics. In this experiment, humans, wearing one of ten different colored T-shirts, are directed to group themselves by like color. We have been able to recreate in software the observable human behavior using our simplified robotic agents. This is the first step in developing a technique by which we can mine the salient characteristics of human swarm algorithms and apply them directly to simulated swarms.

(#22) Matsuri: The Changing Festivals of Japan

*Michael Pratt, Undergraduate; Advisor: Dr. Susan O. Long, Sociology

(#23) Chemistry for Kids Summer Camp

Faith A. Whitworth

An overview of the Chemistry for Kids summer camp will be given. It is sponsored by the Chemistry Department, and is entering its third year. This camp is a wonderful chance for kids to learn more about chemistry. During their one-week experience,

students entering the 4th through 7th grade have an opportunity to work in a college laboratory. Here, they perform fun and exciting experiments with John Carroll professors, staff and summer research students. The program is designed to create an enthusiasm for science in young adults. Daily experiments are centered around a chemical concept or “theme”. Some of these themes include the following: *Elements*, where students identify elements based on their characteristic properties such as appearance, texture, and reactivity; *Acids and Bases*, where the students make their own perfumed soap to take home and use; *Chromatography*, where students learn that chromatography is a technique used to separate components of mixture allowing students to produce designs on a T-shirt; and finally, *DNA and Polymers*, where the students extract strands of DNA.

(#24) Overview of the Summer Chemistry Research Program

Dr. Michael A. Nichols, Chemistry

For the past two summers, the Department of Chemistry has sponsored a research program which has involved nearly 30 undergraduate students from JCU and other universities. The program has been funded by a number of sources including the National Science Foundation, The Petroleum Research Fund, The Research Corporation, and the John Huntington Foundation for Education. A high proportion of participants have been women and minority students. An overview of this program, including recruitment strategy and successes, program activities including a portion on scientific ethics, will be presented.

PAPER/PRESENTATION ABSTRACTS

(A.1) The Effect of Familiar Melodies on Initial Learning and Long-term Memory

Dr. David W. Rainey and Dr. Janet D. Larsen, Psychology

In two experiments we tested the hypothesis that music, in the form of a familiar melody, can serve as an effective mnemonic device. Prior research has provided very little support for this commonly held belief. In both studies participants learned a list of names that they heard either spoken or sung to a familiar tune. In Experiment 1 the melody was “Pop Goes the Weasel”; in Experiment 2 the melody was “Yankee Doodle”. We measured the number of trials to learn the list initially and the number of trials to relearn the list a week later. In both studies there was no advantage in initial learning for those who learned the names to a musical accompaniment. However, in both studies those who heard the sung version required fewer trials to relearn the list of names a week later than those who heard the spoken version.

(A.2) Scholarship, Technology, and Teaching

Dr. Wendy Shapiro, Information Services; Dr. Paul Nietupski, Religious Studies

In recent years scholars in history, political science, anthropology, religious studies and other disciplines have recognized the value of using combined methods in research. Applying these new approaches to classroom pedagogy is logical, but application is sometimes unwieldy. To help solve the problem, new technological innovations offer solutions to deliver new scholarly methods to classrooms. This presentation brings together methods from religious studies, history, art history, and other disciplines by means of an Internet-based pedagogical device developed by JCU’s Faculty Technology Innovation Center. Our sample features segments from a class on Asian religions and

cultures and includes high-resolution photographs provided by the Cleveland Museum of Art, a special electronic “zoom” application developed by JCU Computer Science students, JCU student class projects, and examples of JCU student interactions.

(A.3) SIFE is a Highway

Beth Henry, Chad Treboniak, Undergraduate Student; SIFE students
 Advisor: Dr. Diane H.B. Welsh, Sam Walton Fellow, Jack Kahl Chair of
 Entrepreneurship

At John Carroll University, the mission of Students In Free Enterprise (SIFE) is to educate basic business and entrepreneurial skills to the people in our community and around the world. We abide by our 3D philosophy, “**D**ream the **D**reams you never thought could be **D**reamt.” We want to provide people with a key to unlock the door of endless possibility and opportunity. SIFE creates a testing ground for aspiring students to develop the business theories and practices, while experimenting with the applications of their own ideas. SIFE’s mission is to provide college students the best opportunity to make a difference and develop leadership, teamwork, and communication skills through learning, practicing, and teaching the principles of enterprise. As a SIFE team we strive to make a difference at the local, regional, national, and international level. Through our creation of the Job Internship Website, hosting an Etiquette Luncheon, and administering the Teach-A-Child about Business project, we have educated our local community about the business world. To increase the Quality of Life the regional Cleveland area, we decided to hold an Art Show with a round table discussion. On the international level, we created and presented the pope, John Paul II with the Global Champion of Freedom Award. We have also established a SIFE mentoring program with universities in Russia, Croatia, and Italy. SIFE provides happiness, a solid network, and a strong base to build on, so we can make a difference.

(B.1) Adaptive Cannibalism In Wolf Spiders: Reproductive Condition And Kinship Dictate Dietary Preferences

Dr. Carl Anthony, Biology

(B.2) Catching’ Free Radicals

Dr. Catherine Miller, Chemistry

Dr. Miller conducted a research-oriented project at the National Institute of Environment Health Sciences and the National Institute of Health in Research Triangle Park, North Carolina.

(B.3) Love and Justice in Three Dimensions

Dr. Thomas Schubeck, Religious Studies

Dr. Schubeck investigated within contemporary Catholic social teaching how principles of love and justice serve as guidelines to resolve concrete moral dilemmas at different dimensions of human interaction.

(B.4) The Problem of Evil in the Western Tradition

Dr. Joseph Kelly, Religious Studies

Dr. Kelly will talk about his book, *The Problem of Evil in the Western Tradition* (2002), including what it is about, where the idea for it came from, how classroom interaction with students helped to shape the book, and what might be the future of the study of

evil. Since much of the book's first draft was written while he had a Grauel fellowship, he will speak briefly about using a Grauel for writing.

(B.5) Studies of Microbiotic Crusts in the Arid Western United States

Dr. Jeffrey Johansen, Biology

(C.1) Women in the Media: Qualitative Studies of the Portrayal of Women in Advertising

Moderator: Dr. Margret Algren, Communications

Panelists: Kevin-Khristian Cosgriff Hernandez, Maria Thomas, Kevin Bachman, Graduate Students, Communications Management

It has been nearly 40 years since Betty Friedan's, *The Feminist Mystique*, which often marks the second wave of feminism that attempted to raise the American consciousness regarding the role and expectations of women. The portrayal of women in the media, particularly advertising, has been shown to have a powerful impact on how women view themselves and how society defines the female persona. A group of graduate students from the Communications Management program, under the guidance of Dr. Margaret Algren have conducted research on the images that women have in advertising. They will present their findings entitled: "Women in the media: Qualitative studies of the portrayal of women in advertising." The panel examines the portrayal of women in advertising and sheds light on the various perspectives of the industry's communications to ultimately test how feminism has affected our images and expectations of women in society.

The panel is split into three sections. The first piece is titled "Thirty-year retrospect of the portrayal of women in advertising." Participants were asked about the portrayal of women in advertising and asked to give a historical perspective of how advertising has changed due to feminist theory. The comments and observations gathered from interviews with these three veteran advertising executives provide us with a unique perception that has often not been included in such an analysis. This piece will be presented by, Kevin W. Bachman.

The second piece, "Pre-teens to young adults: A cross-gender view of women in advertising", is based off the collection of results from focus groups that were held. The researchers findings raise further questions about what influences children and teen-agers and to what degrees. This piece will be presented by, Kevin Cosgriff Hernandez.

The third piece of research, "Women, advertising and social expectations: Does education make a difference?" This particular piece utilizes results gathered in a focus group to investigate whether education makes a difference in the perceptions that women hold of women in advertising. We analyze and discuss whether advertising affects perception of image the same way with women who have, and those who do not have, a bachelors' degree. This piece will be presented by, Maria Thomas.

(C.2) Collaborative Teaching, Collaborative Learning: Training Future Teachers of Writing

Sydnia I. De Franco, Visiting Instructor, Department of English; Thomas Hayes, Assistant Professor, Department of English; Kathleen Davis, Paula Hennessey, Jeremy Soback, Erica Thomas, Graduate Students; Amy Hayek, Undergraduate Student.

English departments everywhere face the same dilemma: how to successfully train and prepare future composition instructors, particularly graduate assistants. The challenge and successes of any course that attempts to prepare future composition instructors relies on presenting both the rhetorical and pedagogical frameworks in composition theory and exploring the limitations and benefits of each within the context of the composition classroom. Unlike most courses from English departments, particularly those courses on the 400-level, the understanding of composition and rhetoric students gain in this course will be used for teaching others how to write. The knowledge and understanding students gain will provide an understanding of the writing process (and language in general) and how this applies directly to the teaching of writing and reading. By having two instructors, the class then becomes a lesson in modeling various aspects of teaching techniques, as well as a forum for the discussion of composition pedagogy, thus creating a true collaborative learning environment. Ultimately, it is the students that both create and construct a full picture of rhetorical and pedagogical theory and practice through the process of inquiry and group collaboration.

(C.3) The Process of Participation in the Andersen Tax Challenge

Andrew Brahm, Jason Codispoti, Amanda Detki, Brigid Dyczek, undergraduate students; Gerald Weinstein, Ph.D., CPA, Faculty Moderator, Department of Accountancy

The Andersen Tax Challenge is the most prestigious intercollegiate competition in the academic accounting realm. Over 100 undergraduate and graduate teams participate each year. A regional competition is held in October and the ten teams in each division (undergraduate and graduate) judged to have prepared the best solution are invited to attend the national competition in November, held at the Andersen Professional Educational Center outside of Chicago. JCU has fielded an undergraduate team in each of the ten years the competition has been held. In five of those years (1992, 1993, 1994, 2000 and 2001), our team made it to the national finals. The presentation for the *Celebration of Scholarship* will employ members of JCU's 2001 national finalist team. They will discuss the process of selecting the team, the preparation that is involved in becoming ready for the regional and national finals, and the competition itself.

(D.1) Contemporary Social Issues in American Society: "Women and Crack Cocaine"

Catherine Wentz, Department of Sociology, Undergraduate Student; Advisor: Dr. Richard Clark, Sociology

Since emerging in the early to mid-80s, crack cocaine has become a major social problem, particularly in the inner cities. Known for its extreme and immediate high, crack has come to be seen as the "ultimate turn-on" and its use has initiated the "new prostitution" with women willing to engage in any variety of sexual activity. Commensurate with its use has been a significant rise in the criminal underclass, drug-related poverty, AIDS, and an increasing number of crack-addicted newborns. The spread of crack across America has hit women especially hard resulting in higher rates of dependency than were experienced by men, and corresponding lower rates of entry and retention in treatment. This paper will review the literature on crack use among women including that of treatment and prevention. Policy implications will be discussed.

(D.2) Contemporary Social Issues in American Society: “Long Term Effects of Child Abuse: A Relationship to Eating Disorders”

Mary Pat Jolivet, Undergraduate Student, Advisor: Dr. Phyllis Braudy Harris, Sociology

From an extensive review of recent literature on effects of child abuse, it is clear that childhood violence is a strong predictor of adulthood problems. This violence follows a person throughout his or her lifespan. This paper will specifically focus on one type of child abuse, childhood sexual abuse (CSA), and its relationship to eating disorders. In the mid 1980's, researchers began to investigate a possible link between CSA and eating disorders in both adolescence and adulthood. Many studies have been conducted that show that a causal link exists. Along with other physical and psychological problems, survivors of CSA specifically seem to be at a higher risk for bulimia and anorexia. The development of an eating disorder may depend on a variety of factors including severity of abuse, age at onset of victimization, and relationship to the perpetrator. However, there are some studies that negate these findings. After over fifteen years researchers still stand divided on this issue. This paper will present both sides of the issue.

(D.3) Contemporary Social Issues in American Society: “Secondary Victimization: Sexual Assault Victims/Survivors and Their Experience with the Criminal Justice System”

Julie DiGello, Undergraduate Student; Advisor: Dr. Richard Clark, Sociology

Sexual assault victims/survivors often experience severe emotional trauma as a result of their experience. For many survivors, however, the trauma does not end with the assault for involvement in the criminal justice system often brings additional distress to the individual. Defined as secondary victimization, this refers to the additional trauma and stress that survivor's experience when involved in the criminal justice system. This paper will review the impact of sexual assault on the survivor including the additional trauma associated with participation in the justice system. Reasons for the additional distress will be discussed and recommendations for easing survivor's concerns will be offered.

(D.4) Contemporary Social Issues in American Society: “Voices of the Oldest-Old: Defining and Examining Quality and Meaning of Life”

Lindsay Fellow, Undergraduate Student; Advisor: Dr. Phyllis Braudy Harris, Sociology

Like other countries worldwide, the U.S. is an aging society. People over the age of 85, known as the oldest-old, are the fastest growing age segment of the population. It has been estimated that by the year 2010 the number of oldest-old adults in America will have more than doubled in size since 1990, reaching a high of 6 million. This paper seeks to examine quality of life and sources of meaning in life by focusing on four major research questions: 1) How is quality of life defined in literature? 2) How do people over the age of 85 define quality of life? 3) Do the peoples' definitions agree with the definitions in the literature? 4) What provides sources of meaning in life for those over the age of 85? Comprehensive literature review has been compared with in-depth interviews with four people over the age of 85 who are cognitively alert and reside in either the community or senior residence homes. Preliminary review of data shows: when adults over 85 are in good physical and mental health, they report that their quality of life is satisfactory and meaningful. The in-depth interviews, however, revealed other salient issues involved in quality of life that the literature has not emphasized. Common qualitative themes will be discussed.

(D.5) Contemporary Social Issues in American Society: “Planned Parenthood of Greater Cleveland: How Are They Making A Difference?”

Kimberly DeSimone, Undergraduate Student; Advisor: Dr. Susan O. Long,
Sociology

Planned Parenthood is a nationwide, official not-for-profit organization whose main goal and purpose is “to promote family planning and to assure reproductive freedom for all through advocacy, education, and healthcare.” The purpose of this research project was to find out if Planned Parenthood is making a social change in the Cleveland area, and if so, how they are going about making this change. To examine Planned Parenthood’s influence on social change in the Greater Cleveland area, their community outreach program, which is operated in collaboration with Cleveland Works, was the focus of the study. From this research it was concluded that Planned Parenthood has a significant impact on the Greater Cleveland area by contributing to social change through the individual, by informing the uninformed, and by providing healthcare to those who are in need.

(D.5) Contemporary Social Issues in American Society: “Corporate Crime: The Collapse of Enron & Its Emerging Consequences”

Greg Ericksen, Jessica Margocs, Meghan Reilly, Undergraduate Students;
Advisor: Dr. Verghese Chirayath, Sociology

Corporate crime has an extensive history and is still evident in today’s modern bureaucratic corporations. The underlying principle of this paper is to provide information regarding the Enron bankruptcy case, and how this case represents pertinent features of corporate crime in relation to theoretical literature in this area. The methods used in this paper consist of the survey of secondary data from newspaper accounts, which provide emerging conclusions and repercussions for stockholders, accountants, and employees. This paper also looks into the adequacy of a model that has been used in SC.365 (Corporate Deviance) which examines cases of corporate crime in relation to the following six criteria: origins, “defense strategies”, penalties, outcomes, the role of regulatory agencies, and the likelihood of repetition (recidivism) of the deviant act that is being studied.

(E.1) Virginia Woolf’s *To the Lighthouse*: A Vision of the Female Artist”

Vincent Contrucci, Center for Community Service

With *To the Lighthouse*, Virginia Woolf, once again tackles issues prevalent in many of her novels. She toys throughout with the themes of life, death, the construction of meaning, the moment, human nature and relations of men and women. Most significant in this novel is Woolf’s treatment of Mrs. Ramsay and Lily Briscoe as artists and how each creates and transforms space to create meaning and unity. In a broader sense Woolf is not simply exploring the artist, but exploring the creation of a new female artist in Lily while also modeling Mrs. Ramsay, the Victorian wife and mother, as artist. The difference between these women is their visionary scope: whereas Mrs. Ramsay is limited to her immediate family, Lily Briscoe, unconstrained by such considerations, is capable of considering life on a broader scale. However, Lily’s artistic vision is at first limited and unrealizable until the conclusion of the novel where she is freed from impediments and capable of seeing things in themselves.

(E.2) Enlightenment Through Reading Groups

Moderator: Dr. Shirley S. Seaton, Associate Director, Multicultural Affairs

Presenters: Ms. Catherine Anson, Graduate School; Dr. Thomas Nevin, Classical & Modern Languages & Cultures; Ms. Patricia Dawson, Information Services; Dr. Helene Sanko, Classical & Modern Languages & Cultures; Dr. Emily Bernard, University of Vermont

This session is a panel discussion by members of the *John Carroll University Reads Langston*, a reading group comprised of faculty, administrators, and staff organized to read and discuss the works of Langston Hughes. The group, under the leadership of Dr. Sheri Young and Dr. Shirley Seaton, formed as a response to the nation-wide interest in Langston Hughes in the centennial year of his birth. The panel will discuss how the Langston Hughes reading group model led to enlightenment on various levels. Ms. Catherine Anson will discuss the value of reading/discussion groups as a celebration of scholarship. Dr. Thomas Nevis will share with the audience the influence of the reading group on personal fulfillment as a scholar. Ms. Patricia Dawson will demonstrate ways in which technology can be incorporated into a reading group model to enhance scholarship. Dr. Helene Sanko will discuss how *Langston Reads* has influenced her instruction and outreach activities throughout the community. Dr. Emily Bernard will share with the audience her experiences in obtaining support for her research on *Remember Me to Harlem, the Letters of Langston Hughes and Carl Van Vechten, 1925-1964*.

(F.1) The Meanings of the Term ‘Bibliography’

DR. CHARLES ZAROBILA, CURATOR OF SPECIAL COLLECTIONS, GRASSELLI LIBRARY

“Bibliography” is a complex term with a variety of meanings. Important meanings of “bibliography” have developed in categories that can be labeled “historical,” “analytical,” “descriptive,” “textual,” and “enumerative.” From the point of view of students, and faculty, engaged in research, “bibliography” can be defined, most specifically and practically, as the study of all resources, either in traditional print or electronic format, that enumerate according to some organizing principle what has been published, in any form, on any given topic. This type of enumerative “bibliography” is important because it provides the basis for doing organized research, rather than accidental collecting. Knowing about this type of “bibliography” enhances the competence and confidence of researchers.

(F.2) Two Faces of the Eternal Return of the Same

Paul van Rooy, Undergraduate Student, Department of Philosophy; Advisor, James Swindal, Department of Philosophy.

At the heart of Nietzsche’s major philosophical doctrines is his bizarre rhetoric, which is as vital to his work as it is detrimental to examination of it. A separation of rhetorical intention and doctrine is particularly important relative to his study of temporality, the Eternal Return of the Same (ERS). Nietzsche’s doctrine represents a radical departure from traditional linear theories of temporality. In opposition to standard Newtonian views, he denies a stable spatial basis for reality and instead focuses on a temporal basis. In this paper I show that while the rhetorical and philosophical aspects of his theory of temporality are neither mutually exclusive nor mutually inclusive. While the cosmology of the ERS is a rhetorical slight of hand aimed at changing the nihilistic attitude toward life he finds at the root of European culture, the perspectival aspect reveals a temporal picture of reality rooted in our everyday perspectives on the world.