20th Annual Governors State University Student Research Conference Proceedings

Shailendra Kumar Ph.D., Editor
Governors State University, skumar@govst.edu

Follow this and additional works at: https://opus.govst.edu/student_research_conference
Part of the Scholarship of Teaching and Learning Commons

Recommended Citation
Kumar, Shailendra Ph.D., Editor, "20th Annual Governors State University Student Research Conference Proceedings" (2014).
Student Research Conference Proceedings. 20.
https://opus.govst.edu/student_research_conference/20

This Book is brought to you for free and open access by the University Events, Conferences, and Workshops at OPUS Open Portal to University Scholarship. It has been accepted for inclusion in Student Research Conference Proceedings by an authorized administrator of OPUS Open Portal to University Scholarship. For more information, please contact opus@govst.edu.
Proceedings of the
20th Annual GSU Student Research Conference

Governors State University
University Park, IL  60484

April 29, 2014

Editor:

Dr. Shelly Kumar
Division of Science
College of Arts and Sciences
PARTICIPANTS

Students of
Governors State University

College of Arts and Sciences
College of Business and Public Administration
College of Education
College of Health and Human Services
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>President’s Message</td>
<td>4</td>
</tr>
<tr>
<td>Conference Steering Committee Message</td>
<td>5</td>
</tr>
<tr>
<td>Keynote Speaker Biography</td>
<td>6</td>
</tr>
<tr>
<td>Keynote Address Abstract</td>
<td>7</td>
</tr>
<tr>
<td>Program Summary</td>
<td>8</td>
</tr>
<tr>
<td>Conference Program</td>
<td>9</td>
</tr>
<tr>
<td>Abstracts of Podium Presentations</td>
<td>13</td>
</tr>
<tr>
<td>Abstracts of Poster Presentations</td>
<td>21</td>
</tr>
<tr>
<td>Student Participants</td>
<td>31</td>
</tr>
<tr>
<td>Faculty Sponsors</td>
<td>32</td>
</tr>
<tr>
<td>Conference Steering Committee</td>
<td>33</td>
</tr>
<tr>
<td>Acknowledgments</td>
<td>34</td>
</tr>
<tr>
<td>Notes</td>
<td>35</td>
</tr>
</tbody>
</table>
Dear Student Researcher:

Welcome to the Annual Governors State University Research Conference. We are proud of the excellence, expertise, and variety of your research presentations. Thank you for sharing your work with the GSU academic community. A university education goes beyond the mastery of information to the creation of new knowledge.

Congratulations to you and to your professors and advisers for participating in the joy of discovery. We are proud to count you as members of the GSU community.

Thank you for participating in this research conference and for what we hope will be a life-long commitment to new ideas.

Sincerely,

Elaine P. Maimon, Ph.D.
President
A MESSAGE FROM THE CONFERENCE
STEERING COMMITTEE

The steering committee is pleased to announce the 20th Annual GSU Student Research Conference to be held on April 29, 2014. For the past nineteen years this conference has become a tradition in excellence, and we are confident that today again we will witness another session of quality presentations by our students. This conference will be presented in its original format and with its original objectives:

1. To provide students an opportunity to present their research work before an audience of their peers, and to use the comments they receive to improve presentations made at professional conferences.

2. To provide a forum to highlight research accomplishments at GSU, and honor students presenting their research work.

3. To generate enthusiasm among the student body in general, and encourage them to pursue research and other scholarly activities.

4. To enhance communications in the area of research among the four colleges at GSU. The interactions may also lead to collaborative work among students and faculty of different colleges.

5. To enhance the image of GSU in the area of teaching, as research is considered an integral part of teaching at the university level. In the long run a larger number of students attracted to research would enroll at GSU to pursue higher education.

The committee hopes that you will enjoy the conference, that you share in the excitement of doing research, and that you will look forward to participating in future student and professional conferences.
KEYNOTE SPEAKER BIOGRAPHY

The Student Research Conference Steering Committee is proud to announce that the keynote speaker for the lunch will be:

Dr. Philippe A. Collon, Ph. D.

Associate Professor
Department of Physics
University of Notre Dame, Notre Dame, IN

Dr. Philippe A. Collon received his undergraduate degree from the Université Catholique de Louvain, Belgium in 1993 and his Ph. D. from the Universität Wien – Institut Für Radiumforschung und Kernphysik, VERA laboratory in Vienna, Austria in 1999. Dr. Collon was a Postdoctoral Research Associate at the Physics Division of Argonne National Laboratory from 1999 to 2001, and at the Lamont-Doherty Earth Observatory of Columbia University from 2001 to 2003. He joined University of Notre Dame in 2003, where he is currently associate professor and associate chair of the physics department. He also serves as the director of undergraduate studies at UND.

Dr. Collon’s research work involves the development of detection techniques using Accelerator Mass Spectrometry (AMS), which traditionally has been used to detect environmental tracers at and below their natural abundance levels. Its main attribute is its power to accelerate and analyze ions of radioactive nuclei with extremely high sensitivity. He has authored thirty-eight research publications in refereed journals. Four of these publications are results of research with undergraduate students. As evidenced with these publications, Dr. Collon is a strong advocate of undergraduate research. He has supervised over thirty undergraduate students in high quality research projects. Dr. Collon is the recipient of the Rev. Edmund P. Joyce, C.S.C. Award for Excellence in Undergraduate Teaching from University of Notre Dame, and he was a 2012-2013 Kaneb Center of Teaching and Learning Faculty Fellow. Dr. Collon is also the Outreach Coordinator for the Underground Accelerator Collaboration DIANA at the new National Deep Underground Science and Engineering Laboratory (DUSEL).
USING NUCLEAR TECHNIQUES: FROM DATING THE SHROUD OF TURIN
AND THE ICE MAN TO DETECTING ART FORGERIES
AND STUDYING STARS

Philippe A. Collon

Department of Physics
University of Notre Dame, Notre Dame, IN

ABSTRACT

Recently the nuclear physics laboratory has provided a host of analysis techniques through the use of accelerated ions beams from our small to mid-sized single ended and tandem electrostatic accelerators. The capability to deliver well focused accelerated particles as well as the development of a number of nuclear detection techniques that allow the identification of trace elements to a very high degree of sensitivity have opened the door to the precise elemental determination of varnishes, pigments and various materials but also the determination of both the origin and age of materials through the use of isotopic compositions and radioactive clocks. These techniques also find applications in the “world” of nuclear astrophysics where their unique sensitivity provide important tools to study questions related to galactic radioactivities, supernova remnants and early solar system formation.
20th Annual GSU Student Research Conference
April 29, 2014

PROGRAM SUMMARY

Sherman Recital Hall:

8:30 A.M. – 9:10 A.M.  Conference Registration & Continental Breakfast
9:10 A.M. – 9:20 A.M.  Welcome and Introduction
9:20 A.M. – 10:40 A.M. Podium Presentations
10:40 A.M. – 11:00 A.M. Refreshment Break
11:00 A.M. – 12:00 Noon Podium Presentations

E-Lounge:

12:00 P.M. – 12:10 P.M. Greetings: Provost
12:10 P.M. – 12:50 P.M. Lunch
12:50 P.M. – 1:50 P.M. Keynote Address
1:50 P.M. – 2:30 P.M. Poster Presentations
2:30 P.M. – 2:40 P.M. Certificates Presentation to Student Participants
2:40 P.M. – 2:45 P.M. Concluding Remarks
CONFERENCE PROGRAM

Conference Registration & Continental Breakfast

8:30 A.M.  Sherman Recital Hall

Program Commencement

Sherman Recital Hall

9:10 A.M.

Welcome and Introduction:
Dr. Shelly Kumar
College of Arts and Sciences

Podium Presentations

Sherman Recital Hall

Session I Moderator:
Professor Cynthia Carr
College of Health and Human Services

9:20 A.M.


9:40 A.M.


10:00 A.M.

COPING THROUGH TEXTING: A WAY TO REGULATE EMOTIONS, Tremayne Battle and Albert Tuskenis*, Psychology, College of Education, p. 16.

10:20 A.M.

FREEDOM OF THE PRESS IN COLLEGE NEWSPAPERS: SIX STUDENT NEWSPAPER MODELS AND EDITORIAL CENSORSHIP AT THE GSU PHOENIX, Jonathan M. Bultuis and Deborah James*, Journalism, College of Arts and Sciences, p. 17.

10:40 A.M.  Refreshment Break
Session II Moderator:
Dr. Maribeth Kasik
College of Education

11:00 A.M. TIG NOTARO AND THE ETHOS OF COMEDY AND CANCER, Kelly Costanza and Keri Morris*, English, College of Arts and Sciences, p. 18.


11:40 A.M. QUANTITATIVE ANALYSIS OF ACETAMINPHEN BY QUALITATIVE NUCLEAR MAGNETIC RESONANCE TECHNIQUE (Q-NMR), Amer Wazwaz, Sushane Kumar, and Shailendra Kumar*, Chemistry, College of Arts and Sciences, p. 20.

Conference Lunch
E- Lounge

12:00 Noon

Greetings
Dr. Debra Bordelon, Provost

Lunch

12:10 P.M.

Keynote Speaker

Dr. Philippe A. Collon, Ph. D.
Department of Physics
University of Notre Dame, Notre Dame, IN

Speaking on:

USING NUCLEAR TECHNIQUES: FROM DATING THE SHROUD OF TURIN AND THE ICE MAN TO DETECTING ART FORGERIES AND STUDYING STARS
Poster Presentations
1:50 p.m.  E-Lounge

Moderator:
Dr. Francis Kostarelos
College of Arts and Sciences

1. INTERMEDIATE SIGN LANGUAGE COMMUNICATION SCIENCES AND DISORDERS, B.H.S., Manar Jaber, Avalon Marciniak, Samantha Goers, and Eileen Truszkowski*, Communication Sciences and Disorders, College of Health and Human Sciences, p. 22.

2. COLUMBIA COLLEGE ASL ENGLISH INTERPRETING DEPARTMENT BEYOND THE BOOKS SILENT WEEKEND, Samantha Goers, Manar Jaber, Avalon Marciniak, and Eileen Truszkowski*, Communication Sciences and Disorders, College of Health and Human Sciences, p. 23.


6. THE ROLE THAT ENVIRONMENT AND GENETICS PLAY IN CAUSING SCHIZOPHRENIA, Critisha Ashley and Crystal Blount*, Psychology, College of Education, p. 27.

7. THE FAR-REACHING INFLUENCE OF ALFRED ADLER, Hope Merritt and Mark T. Blagen*, Addictions Studies and Behavioral Health, College of Health and Human Services, p. 28.

8. EFFECTS OF FINANCIAL STRESS ON PARENTING AND CHILD BEHAVIORS, Elaine Mares and Crystal Blount*, Psychology, College of Education, p. 29
2:30 P.M.

Certificates Presentation

2:40 P.M.

Concluding Remarks
Dr. Shelly Kumar
Abstracts are produced by permission of the authors, and are not to be construed as publications. Permission to reproduce, quote, or cite any data contained herein may be granted only by application to the individual authors. Distribution is limited to the registrants at the 20th Annual GSU Student Research Conference and to the GSU faculty and administration for personal use only.

The authors with underlined names are the presenting authors. The authors with asterisks are the faculty sponsors.

Governors State University
University Park, Illinois
GENERATING HOPE: INCLUSION VS. EXCLUSION STUDENTS WITH CRIMINAL BACKGROUND

Terry Banies, Darryl K. Cooke, Jerry EL Davis, and Lorri Glass*

Social Work
College of Health and Human Services

ABSTRACT

In the continuous pursuit to balance the inequalities of our society, our journey has led us to focus on students with criminal backgrounds. Generating Hope was formed to shed light on the policies that continue to prevent those with backgrounds from excelling in society. Our goal is to eradicate the social, institutional, and educational barriers that oppose those who have been formerly incarcerated. America makes up 5% percent of the world's population, but it is accountable for 25% of the world’s incarcerated population. Our presentation will focus on the significance of mass incarceration, the effect that it has on families and children, and the aggressively increasing recidivism rate. Our objective is to affect admission policies and procedures, change disclosure standards, and to prevent conditional admission into certain programs. We will also address the inconsistencies and collateral consequences that pose challenges to those with backgrounds when it comes to obtaining malpractice insurance and applying for interns. The significance of this study is to increase social responsibility and social justice by unveiling the SW profession and the contradictions within the admission process. It is the gatekeeping function vs. inclusivity, actively pursuing this issue vs. taking the head in the sand approach.
CMA Conference Presentation: The Staff of the Newsroom

Kyle Horn and Deborah James*

Human Communication
College of Arts and Sciences

ABSTRACT

This presentation will include what I have gleaned from the photography competition and seminars I took part in during the 2014 CMA conference in New York. Topics to be discussed will be time management in the full spectrum of professional (as newsroom staff) and personal life. Also I will touch on the value in concept of a photography contest in terms that are relevant to a non-photographer audience. Finally, I will touch on libel and slander in terms of the newsroom and a news venues audience. Having taken an eclectic mix of seminars during the CMA conference most of my presentation will be based on interpersonal and intrapersonal communication and interaction to keep it relevant and succinct.
FREEDOM OF THE PRESS IN COLLEGE NEWSPAPERS:
SIX STUDENT NEWSPAPER MODELS AND EDITORIAL
CENSORSHIP AT THE GSU PHOENIX

Jonathan M. Bulthuis and Deborah James*

Journalism
College of Arts and Sciences

ABSTRACT

Freedom of the press and of speech is integral to the correct function of the student newspaper. Synonymously, the act of publication comes with serious legal consequences in any Democracy. The balance of freedom between administrative censorship and student control has always been at the heart of this issue. Six student newspaper models that comprise this spectrum between censorship and control elucidate the position of the GSU Phoenix as a free press.

The following newspaper models display the huge balance of censorship that exists, between private and public universities in the U.S. Model 1: The purpose of the newspaper is public relations. The school expects to approve all copy in advance, and someone in the Public Relations Department censors the paper. Model 2: The purpose of the newspaper is public relations. The Faculty Advisor is the primary censor, and is expected to think with the mind of a Public Relations official. Lots of private schools have this model, even if it isn’t academically valid. Model 3: The purpose of the newspaper is educational for the readership and for the journalists. The Faculty Advisor faculty censors all content, but for quality, not content. Model 4: The purpose of the newspaper is educational, and a Journalism Professor participates in the entire process, in consultation with the editors. Editors are the final censors, and often there is a Content Review Board. This is the most common system in private colleges. Model 5: The purpose of the newspaper is educational, and the Journalism Professor is only an advisor. The Editors are the final censor. Model 6: The newspaper is totally independent. Students run it and answer only to the newspaper Publications Review Board.

We can say with confidence at the Phoenix that we fall happily in the spectrum between Model 3 and Model 5, which is, arguably, the best position for an emergent student newspaper like the Phoenix to be. Our Faculty Advisor works closely as a guide with the Editors and Staff, informs us of important or current story concepts, and has final censoring capacity on every issue; but the paper itself is entirely student run. We generate our own story concepts, gather information independently, solicit our own advertising, and generate independent and representative editorial. Most importantly, we censor ourselves for libel, credibility, conscientiousness, and relevance in every word we write.
TIG NOTARO AND THE ETHOS OF COMEDY AND CANCER

Kelly Costanza and Keri Morris*

English
College of Arts and Sciences

ABSTRACT

Rhetorical events require an involvement from active and engaged audience members. Audience members are expected to listen in on the dialogue and make choices based on the specific argument at hand. They must be able to be flexible of mind, be open to various perspectives and capable of implementing change. They invoke response and have the possibility to sway audience members to or away from the discourse. Comedy as a subcategory of rhetoric is an interesting one, as its visible sign of engagement from audience members results in laughter, or a lack there of. Comedy that involves changing the way audience members view certain predetermined standards is especially interesting and poses a problem worthy of investigation. The specific problem begets the question of whether comedy may be considered a rhetorical event. This research is conducted with an underlying theory that comedy can in fact be considered a rhetorical argument and uses Aristotle as a background, specifically characteristics of comedy that may constitute ethos as a base for how comedy as rhetoric may sway the way in which cancer is viewed as a disease that requires a 'victim.' The results of the research conducted have determined comedy can if fact be used as a rhetorical tool, and it may even go as far as to change the way societal issues are viewed. Through the platform of a standup routine, performed by Tig Notaro, and through research conducted on rhetoric and ethos of comedy, this essay aims to prove a comedic event may be a successful tool to implement change in an audience’s perspective. The importance of the argument lies in the idea of laughter becoming an indicator of audience acceptance, a concept that remains non-traditional in the practice of rhetorical theory.
COPING THROUGH TEXTING: A WAY TO REGULATE EMOTIONS

Tremayne Battle and Albert Tuskenis*

Psychology
College of Education

ABSTRACT

It is common to encounter people immersed in texting while other tasks such as driving, walking or working are neglected, if not abandoned entirely. We typically assume that a texter's motives are to socialize. However, another possibility rarely considered is that people may text to regulate their emotions. The primary goal of the current study concerned whether individuals text to regulate their emotions when experiencing a negative mood. In an effort to go beyond correlational results, experimental manipulation involving an online mood-induction procedure was used. The results provided evidence that individuals text to regulate their emotions when experiencing a negative mood. There were significant correlations between negative mood and desire to text as well as emotion regulation motives for texting and desire to text. Although the experimental manipulation of mood did not show an effect of mood on desire to text, this could have been due to the small effect size of the mood-induction procedure. Additional findings indicated that emotion regulation motives for texting were associated with greater texting-related problems and greater difficulties in emotion regulation as measured by the Difficulties in Emotion Regulation Scale (DERS). Interestingly, gender was also found to be correlated with emotion regulation motives for texting.
CAN JUSTICE BE SERVED USING RESTORATIVE PROGRAMS?  
(URBAN VS. RURAL)

Robert Nawrot and Peggy Franklin*

Criminal Justice  
College of Arts and Sciences

ABSTRACT

We have all heard the phrase “justice has been served.” This dissertation focuses on two basic methods of applying criminal justice in minor infractions. The first method introduced is Peace Circles, sometime called Restorative Circles; these Peace Circles focus on redemption and justice through confrontation and transformation. The second method is the current criminal justice system, which is focused on status offenses, which are nonviolent misbehaviors, and both the direct and collateral consequences. While these are two distinctly different methods deriving vastly different consequences, both methods are at the forefront of equality in justice. Each method requires judgments based on the findings presented attaining completely different conclusions. Literature suggests that restorative justice programs (i.e., Peace Circles) have improved outcomes. This occurs when the examination of recidivism rates and satisfactions levels of both victim and offender have been accounted for. (Isaac, 2011)
The pharmaceutical industry mainly uses chromatographic techniques such as High Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC), to determine the quantity of the active ingredient and other material in the drugs. A large effort goes into developing methods using chromatography techniques. The method development and running HPLC and GC are time consuming. Methods need to be updated as the chromatographic columns and the instruments wear out. On the other hand, Nuclear Magnetic Resonance (NMR) technique is mainly used for qualitative analysis to determine the identity of compounds. However, Proton-NMR technique does provide quantitative information of compounds. In order to develop a method for quantitative analysis by NMR (q-NMR), an internal standard of known concentration is utilized. A method was developed successfully to quantify acetaminophen in our laboratory by q-NMR. Calibration curves of the areas of NMR signals and the concentrations were drawn which showed linear relationships from 1mM - 100 mM concentrations. The robustness of the method was shown by analyzing samples in quintuple with very low percent standard deviation.

In this project, the method developed earlier is repeated to show the robustness of the method with the second operator. Solutions of acetaminophen with concentration range of 10 mM - 100 mM were prepared in a solvent system in which methyl methoxyacetate as internal standard was dissolved in deuterated dimethylsulfoxide (DMSO-d6). NMR of these solutions were taken in quintuplicates. Averages of peak areas of NMR spectra of these solutions were plotted against the concentrations of the solutions. The results are very similar to the ones obtained by the first operator. The plots with linear with excellent regression and very low percent standard deviations, indicating that this NMR method is a robust alternative method for quantification of acetaminophen.
ABSTRACTS OF POSTER PRESENTATIONS

April 29, 2014

Abstracts are produced by permission of the authors, and are not to be construed as publications. Permission to reproduce, quote, or cite any data contained herein may be granted only by application to the individual authors. Distribution is limited to the registrants at the 20th Annual GSU Student Research Conference and to the GSU faculty and administration for personal use only.

The authors with underlined names are the presenting authors. The authors with asterisks are the faculty sponsors.

Governors State University
University Park, Illinois
ABSTRACT

On April 11-13\textsuperscript{th}, we attended an event named Beyond the Books – Silent Weekend 2014. This event was hosted by the Department of ASL-English Interpretation at Columbia College Chicago. This event was held at the Camp Manitoqua and Retreat Center in Frankfort, Illinois. The event is targeted at students that are studying Deaf Studies or ASL Interpreting, however, the event welcomes all that have some sort of background with Sign Language. We were challenged to only use Sign Language for all three days. As a result, we picked up new signs, practiced our receptive and expressive skills in real life situations, and best of all, we got to see how much we really know. In addition, we had the opportunity to choose from a number of different workshops that covered important topics related to Deaf Studies and Interpreting. Such as, Everything but Language, Jump into ASL Sports, ASL games, ASL Discourse in Action, Creativity and ASL, Medical Vocabulary for Interpreters, Bridges of Creativity, Working with a Deaf Interpreter, Mouth Morphemes in ASL, Medical Interpreting: The RID Code of Professional Conduct and beyond, Don't be shy...Sexual Signs in ASL, Working with a Deaf Interpreter, Incorporating Signs from around the World, Sports Themed Books, ASL Semantics: Know the Difference, Classifiers – Storytelling and Conversation Strategies, and etc. Our presentation will cover a great deal of information that we learned from the workshops listed above. We will also highlight how this gained knowledge will benefit the Governors State University Sign Language Club members, in our Sign Language courses, and beyond.
Beyond the Books Silent Weekend

What is Beyond the Books Silent Weekend?

Beyond the Books Silent Weekend is an event organized by the Columbia College American Sign Language (ASL) English Interpreting Department. Individuals of deaf, hard of hearing, and hearing status are encouraged to participate. Participants are challenged to turn voice off and attend a variety of workshops devoted to American Sign Language. The event, as a whole, immerses individuals in Deaf culture and helps individuals develop expressive and receptive skills while having a blast!

How Do Workshops Enhance ASL Communication Skills?

There is a broad range of wonderful workshops. Some of the workshops are listed below:

Creativity and ASL
Mouth Morphemes in ASL
Bridges of Creativity
Jump Into ASL Sports
Incorporating Signs Around the World
Everything But Language
And Much More!!!
FINANCIAL STRESS AND PROCRASTINATION

Candice Robbins and Darlene Wright

Clinical Psychology
College of Education

ABSTRACT

The psychology undergraduate research team (PURT) is conducting a three-phase research study regarding the relationship between financial stress, procrastination and symptoms of anxiety and depression. The purpose of the study and literature reviews that are relevant to this research study will be presented. The variables will be defined and explained in detail and a full explanation of the first phase of the research will be discussed. Phases two and three will be discussed as well but not in detail as the research for these two phases has not yet been conducted. Finally the anticipated results will be explained and contributors to the project will be recognized.
FINANCIAL STRESS AND ITS EFFECTS ON FAMILIES

Jessica McCague-Lopez and Crystal Blount*

Psychology
College of Education

ABSTRACT

There are many families who experience financial hardship and as a result the entire family is affected by this issue. The goal of this research study is to see how financial stress affects many aspects of the family dynamic. This study researches the level of stress due to financial difficulties. It is important to note that the research also looks at how much individuals disclose financial hardship with their family. This study aims to examine if families with higher levels of income communicate financial stress more than families who earn less money. The results of this sample will be compiled into a spreadsheet to uncover any correlations with financial hardship relating to stressful situations.
Membrane associated folate receptor (FR) is overexpressed on a wide variety of cancers including ovarian, endometrium, kidney, lung, breast, brain and cells associated with inflammatory conditions such as activated macrophages. Thus, this receptor serves as an attractive target to selectively deliver chemotherapeutic and imaging agents to FR+ cells using folic acid tethered conjugates. To this end, a folate fluorescein magnetic nanoparticle has been constructed using a folate fluorescein biotin bridge ligand in tandem with a commercially available streptavidin coated magnetic nanoparticle. Using fluorescence microscopy, the bridge ligand and nanoparticle were assessed via a bead assay and uptake in L1210 FR+ cancer cells, respectively. Importantly, uptake was blocked in the presence of excess folate indicating site specific action. Multimode imaging agents may ultimately be useful for diagnostic modalities involving MRI and optical based strategies.
THE ROLE THAT ENVIRONMENT AND GENETICS PLAY IN CAUSING SCHIZOPHRENIA

Critisha Ashley and Crystal Blount*

Psychology
College of Education

ABSTRACT

Schizophrenia personality disorder is a long-term mental disorder of a type involving a breakdown in the relation between thought, emotion, and behavior, leading to faulty perception, inappropriate actions and feelings, withdrawal from reality and personal relationships into fantasy and delusion, and a sense of mental fragmentation. Basically, a mentality or approach characterized by inconsistent or contradictory elements. The reason for this study is to see what role genetics and the environmental experiences play in causing Schizophrenia personality disorder. According, to the research that was conducted on Schizophrenia, it is known to predominantly run in families. The elements that may determine whether you have Schizophrenia is known to be combination of genetics and environmental experiences. This research study goes into details about how Schizophrenia can cause memory loss, depression that may lead to suicide, and how Schizophrenia can be treated to where a person can have a productive lifestyle. Two of the well-known treatments that are successful in treating Schizophrenia, is the maintenance phase and acute phase. Lastly, this research was done to shed light on what schizophrenia is and how it can affect anyone’s life.
THE FAR-REACHING INFLUENCE OF ALFRED ADLER

Hope Merritt and Mark T. Blagen*

Addictions Studies and Behavioral Health
College of Health and Human Services

ABSTRACT

Alfred Adler was a contemporary and colleague of Sigmund Freud. Dissatisfied with Freud’s deterministic and narrow views, in 1911 he broke from Freud to develop his own theory of psychotherapy. Adler’s theory developed over time and his greatest work was done after World War I. Adler’s theory had great influence on virtually all contemporary psychology theory, classroom management, parent education and human relations in general. Adler died in 1937 at the relatively young age of 67.

Although some contemporary writers have credited Adler as being the “real” father of modern psychology, most students and practitioners have only a vague understanding of his influence. And even startling similar theories that have developed in the last several decades seldom attribute Adler as being an influence. An example of this is Positive Psychology. This strengths-based approach claims to be the first psychological theory of this kind. This claim is incorrect. Adler’s entire theory is a positive, strength-based approach that predated Positive Psychology by more than a half a century. In 2014 a subtitle of the annual North American Society of Adlerian Psychology is, “Adlerian Psychology, the Original Positive Psychology.

This poster presentation is designed to graphically show how the major concepts that Adler developed are linked to a wide range of psychological and human relations constructs. Although much of what is portrayed is commonly known in Adlerian circles, some of the work for this presentation uncovered new or lesser known information. As an example, there exists compelling and convincing evidence that Alfred Adler’s theory had a great influence on the inception of Alcoholics Anonymous (AA). Although to date nothing has been written on this, a very logical argument exists that soon will be published to support his claim. Also, Adler had a direct and profound influence on the Supreme Courts decision concerning the landmark decision in Brown vs. The Board of Education. Although this is well documented, even within Adlerian circles this is a little known fact.

This poster presentation is the impetus for a journal article submission documenting the far-reaching influence of Alfred Adler. By documenting the importance of his theory on modern day life, we all can better appreciate the genius of Alfred Adler and understand his importance on modern psychological and human relations.
EFFECTS OF FINANCIAL STRESS ON PARENTING AND CHILD BEHAVIORS

Elaine Mares and Crystal Blount*

Psychology
College of Education

ABSTRACT

The current study explored the relationship between the effects of financial stress on parenting and child behaviors. Many studies suggest that children who live in poverty are more likely to experience behavioral problems, such as low self-esteem, aggression, hyperactivity and depression. However, the primary focus of this study was to evaluate the level of financial stress for individuals, who may be living above the poverty level, and currently enrolled in an undergraduate and/or graduate program at a University. It seems likely that adult college students with families and other financial obligations may be experiencing financial stress, which may alter the family dynamics and result in ineffective parenting skills and negative child behaviors. The results indicated that there was a slightly higher correlation between financial stress and children’s behaviors than between financial stress and parenting style. The preliminary findings indicate the importance of considering parenting distress and the potential impact on children’s behavior when addressing issues and interventions related to financial stress.
THERAPIST-CLIENT SEXUAL RELATIONSHIP

Priscilla Amofa and Crystal H. Blount*

Professional Standards in Human Service and Research
Division of Psychology, COE

ABSTRACT

Sexual relationships with clients are unethical and all of the major professional ethics codes have specific prohibitions against them. It is considered part of the therapeutic process for a therapist to develop some type of connection in order to help clients, but a problem occurs when the therapist begins to reciprocate the patient’s feelings in a way which violates the ethical code of the profession. Sexual overtones can distort the therapeutic relationship and therapists need to be aware of the effects of sex-related socialization patterns and how they may influence transference and countertransference reactions. Therapists who enter into sexual relationship with clients can also do considerable damage to them. After the therapist-client sexual relationship, negative psychological repercussions for clients include pain, fear, and mistrust. Sexual relationships with clients have been declared to be a violation of the law in most states. It is considered one of the more serious of all ethical violations and the most damaging boundary violation. Legal and disciplinary actions for therapists who engage in sexual relationships with clients include lawsuits, fines, and felony charges. If therapists follow the code of ethics the welfare of clients will be safeguarded, and the therapist will have guidance in his or her work so that he or she can provide the best service possible.
## STUDENT PARTICIPANTS

<table>
<thead>
<tr>
<th>Student</th>
<th>Major &amp; College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priscilla Amofa</td>
<td>Psychology, COE, p. 30</td>
</tr>
<tr>
<td>Critisha Ashley</td>
<td>Psychology, COE, p. 27</td>
</tr>
<tr>
<td>Terry Banies</td>
<td>Social Work, CHHS, p. 14</td>
</tr>
<tr>
<td>Tremaynne Battle</td>
<td>Psychology, COE, p. 16</td>
</tr>
<tr>
<td>Jonathan M. Bulthius</td>
<td>Journalism, CAS, p. 17</td>
</tr>
<tr>
<td>Makeda Carr</td>
<td>Chemistry, CAS, p. 26</td>
</tr>
<tr>
<td>Snehal Chavda</td>
<td>Chemistry, CAS, p. 26</td>
</tr>
<tr>
<td>Darryl K. Cooke</td>
<td>Social Work, CHHS, p. 14</td>
</tr>
<tr>
<td>Kelly Costanza</td>
<td>English, CAS, p. 18</td>
</tr>
<tr>
<td>Jerry EL Davis</td>
<td>Social Work, CHHS, p. 14</td>
</tr>
<tr>
<td>Samantha Goers</td>
<td>Communication Sciences and Disorders, CHHP, p. 22, 23</td>
</tr>
<tr>
<td>Kyle Horn</td>
<td>Human Communication, P. 15</td>
</tr>
<tr>
<td>Manar Jabar</td>
<td>Communication Sciences and Disorders, CHHP, p. 22, 23</td>
</tr>
<tr>
<td>Avalon Marciniak</td>
<td>Communication Sciences and Disorders, CHHP, p. 22, 23</td>
</tr>
<tr>
<td>Elaine Mares</td>
<td>Psychology, COE, p. 29</td>
</tr>
<tr>
<td>Jessica McCague-Lopez</td>
<td>Psychology, COE, p. 25</td>
</tr>
<tr>
<td>Hope Merritt</td>
<td>Addiction Studies and Behavior Health, CHHS, p. 28</td>
</tr>
<tr>
<td>Robert Newrot</td>
<td>Criminal Justice, CAS, p. 19</td>
</tr>
<tr>
<td>Candice Robbins</td>
<td>Clinical Psychology, COE, p. 24</td>
</tr>
<tr>
<td>Jeny Tan</td>
<td>Chemistry, CAS, p. 26</td>
</tr>
<tr>
<td>Amer Wazwaz</td>
<td>Chemistry, CAS, p. 20</td>
</tr>
</tbody>
</table>

---

Governors State University 20th Annual GSU Student Research Conference, April 29, 2014  Page 31
<table>
<thead>
<tr>
<th>Faculty</th>
<th>College</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mark T. Blagen</td>
<td>CHHS, p. 28</td>
</tr>
<tr>
<td>Crystal Blount</td>
<td>COE, p. 25, 27, 29, 30</td>
</tr>
<tr>
<td>Peggy Franklin</td>
<td>CAS, p. 19</td>
</tr>
<tr>
<td>Lori Glass</td>
<td>CHHS, p. 14</td>
</tr>
<tr>
<td>Walter Henne</td>
<td>CAS p. 26</td>
</tr>
<tr>
<td>Deborah James</td>
<td>CAS, p. 15, 17</td>
</tr>
<tr>
<td>Shailendra Kumar</td>
<td>CAS, p. 20</td>
</tr>
<tr>
<td>Keri Morris</td>
<td>CAS, p. 18</td>
</tr>
<tr>
<td>Eileen Truszkowski</td>
<td>CHHS, p. 22, 23</td>
</tr>
<tr>
<td>Albert Tuskenis</td>
<td>COE, p. 16</td>
</tr>
<tr>
<td>Darlene Wright</td>
<td>COE, p. 24</td>
</tr>
</tbody>
</table>
CONFERENCE STEERING COMMITTEE

Conference Organizer

Dr. Shelly Kumar
College of Arts and Sciences

College Representatives

Prof. Cynthia Carr
College of Health Professions

Dr. Akkanad Isaac
College of Business and Public Administration

Dr. Maribeth Kasik
College of Education

Dr. Frances Kostarellos
College of Arts and Sciences
ACKNOWLEDGMENT

The Conference Steering Committee would like to express its gratitude to President Elaine Maimon and Provost Deborah Bordelon for encouragement for the conference, and to the provost’s office for financial assistance. The committee would like to thank Ms. Rebecca Ruhlman and Ms. Carolyn Hamilton, for graphic support; Lindsay Gladstone for graphic approval process; Mr. Mark Clayton and Mr. John Aducci, for printing; Ms. Vickie Carra for distribution of the proceedings; Ms. Veronica Hunt for secretarial services; Mr. Donald Washington for audio-visual support; Ms. Nicole Harris and Facilities Development and Management staff for room and banquet set-ups; Mr. Joseph Lenard for food coordination; and graduate assistants Ms. Mary Koster and Mr. Vinod Kanchi, and Mr. Josh Carron for general help.