

WELLSPRING

College of Health and Sciences Newsletter

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Colors of Gold Nanoparticles

A team of collaborators led by **Dr. Joon-Seo Park**, Professor of Chemistry, has designed a new colorimetric detection method for the essential amino acid cysteine with the help of aggregated gold nanoparticles. This work is part of a larger effort to develop rapid and inexpensive sensors for cysteine, whose abnormal level can lead to multiple diseases and disorders. **Olivia Han '20**, who worked on this research project in the 2018 Summer Science Research Program, is a co-author on the study. The researchers systematically investigated a series of cysteine-induced gold nanoparticle aggregates of varying particle size and concentration, and enhanced them with select transition metal cations.



Overcoming Barriers to Service

This past year, Dr. Ruth Palmer has been serving as liaison for the Counseling Psychology Department to the Pennsylvania Association of Community Health Centers Advisory Group. The group explores avenues for facilitating student internship placements in Federally Qualified Health Centers (FQHCs), federally funded nonprofit health centers or clinics that serve medically underserved areas and populations. FQHCs are “safety net” providers such as community health centers, public housing centers, outpatient health programs funded by the Indian Health Service, and programs serving migrants and the homeless. The goal of the Advisory Group is to overcome barriers these sites have for hosting student placements, in order to increase the numbers of interns accepted to serve in these centers. This effort will be providing opportunities for students and graduates, including our own Graduate Counseling students, to become involved in internships and employment at FQHCs.



Faculty of the Month for March



The Social Work Department

Kevin Brown, Chair (above)

In recognition of the professional dedication and personal flexibility demonstrated, during preparation for accreditation with CSWE.

1 Corinthians 15:58

“Therefore, my dear brothers and sisters, stand firm. Let nothing move you. Always give yourselves fully to the work of the Lord, because you know that your labor in the Lord is not in vain.” (NIV)

Raco named PSNAP 2021 School Nurse Administrator of the Year (SE Region)

The Pennsylvania School Nurses and Practitioners (PASNAP) has named Professor Jacquelyn Raco as the SE Region’s School Nurse Administrator of the year. The award recognizes a school nurse administrator who demonstrates evidence of excellence in school nursing practice. The virtual award ceremony was held Friday, April 9, 2021.



Publication and Presentations

Greenwood, T., Jennings, I. and Turner, Y. (2021) “The mediating role of self-compassion on self-esteem and body satisfaction in females who participate in Physique competitions” *Body Studies Journal*, vol. 3(1).

Han, O., Thuy Nguyen, T., Lim, E. , Haam, S. , Lee, S., **Park, J.** (2021) " The effect of pH and transition metal ions on cysteine-assisted gold aggregation for a distinct colorimetric response", The Royal Society of Chemistry Advances.

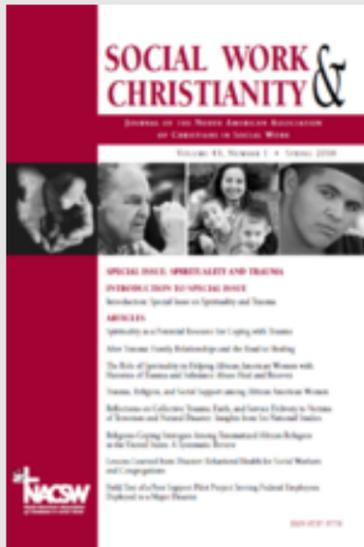
Raco, J., (2021) “I Want to Speak with the School Nurse—NOW! Teaching school Nurses de-escalation techniques through simulation” Presentation at the Sigma Theta Tau International Honor Society: Delta Tau Chapter, April 2021 and Pennsylvania School Nurses and Practitioners, also April 2021.



Pictured from top to bottom: Leslie Gregory, Shelita Jackson, Caroline Campbell and Paul Felker

Faith and Resilience

Professor Emeritus, **Sandra Bauer** and Professor **Caroline Campbell** served as guest editors for the journal of the National Association of Christians in Social Work, which also includes an article by Professor **Shelita L. Jackson**.



The Spring, 2021 issue of NACSW's journal, *Social Work & Christianity*, is now available as a download:

https://www.nacsw.org/Publications/SWC/SWC48_1.pdf

Articles in this special issue are focused on "Faith and Resilience," and is guest edited by Sandra Bauer & Caroline Campbell.

Articles in this issue include:

Introduction to the Special Issue by **Sandra Bauer & Caroline Campbell**

Christian Faith and Resilience: Implications for Social Work Practice by **Caroline Campbell, Sandra Bauer**

Faith, Resilience and Practice: The Relationship as the Medium for Connected Teaching by **Shelita L. Jackson**



A Message from the Dean, Trish Reger



Spring is here!!! It is a time to thaw out from the winter frost, dust off our hiking boots, and explore the outdoors. It is also a time to plant new “seeds” to provide joy and beauty in the tomorrows. I hope you will find something to revitalize yourself during this season. I have promised myself that I am going to be more intentional about carving out time in my day to enjoy the beauty of nature. (Thank you to Plant Ops for making the campus look so beautiful.)

This year has been challenging for all of us. For this reason, the season of spring and the hope that it promises, feel more meaningful than ever. With vaccinations, warm weather, and graduation scheduled at the Mann, it feels like we are turning a corner. Let us finish strong!

With appreciation, Trish