BOARD OF TRUSTEES OF THE NEBRASKA STATE COLLEGES ITEMS FOR CONSENT AGENDA

ACTION:	Approve Emeritus Status for Dr. Paul Karr (AP)

Dr. Paul Karr, a faculty member from Wayne State College who will retire in May 2022, has been nominated for emeritus faculty status upon the four required criteria for granting emeritus status, as outlined below:

- 1. Minimum of 15 years of full time employment is met through 29 years of teaching at Wayne State College.
- 2. He earned the rank of full professor in 2004
- 3. Evidence of exemplary performance in areas of teaching, scholarship/creative activities, and service is represented by his grant application and receipt of funds from the EPSCoR Nebraska Undergraduate Research Experience at Small Colleges and Universities, his work with several students on research projects, his video taping of every lecture topic in General Chemistry I and General Chemistry II and making them available to students. He worked with several students to develop their presentation at the Student Honors Colloquium and at the annual Nebraska Academy of Science meetings. He also had several articles/papers published during his residence at Wayne State.
- 4. Demonstrated leadership and collaboration through service and contribution beyond normal expectations is also reflected through his continued work with Todd Young in the Fred G. Dale Planetarium, participation as a judge at the Nebraska Junior Academy of Science, as well as serving on the planning committee for the inauguration of President Marysz Rames. His leadership roles at the College include participating on the interview team for the new RHOP Nursing program and assisting with the Science Bowl multiple times over his years of service at WSC.

Chancellor Turman supports the nomination and WSC President Rames provided a letter of support for Dr. Karr's nomination. Both recommend that emeritus faculty status be granted.

The System Office and Wayne State College recommend approval of the Emeritus Status for Dr. Paul Karr (AP).

ATTACHMENTS:

Paul Karr Emeritus Nomination (PDF)

Updated: 5/23/2022 11:41 AM



Emeritus Faculty Nomination Form

I wish to nominate the following individual for consideration for Emeritus Faculty status. I have provided a letter of support that addresses the criteria for the award and attached a copy of the individual's CV. This nomination will be shared with the person nominated.

This nomination w	ill be shared with the person nominated.	
Emeritus Facu	lty at	
O Chadron State College O Peru State Co		Wayne State College
Nominee Info	rmation	
Name:	Dr. Paul Karr	
	1013 Hillcrest Rd, Wayne, NE 68787	
Telephone:	402 369 4372	
Nominee Crite	eria	
 Served the College for at least 15 years Held rank of full Professor Demonstrated exemplary performance in the areas of teaching, scholarship/creative activities, and service throughout their tenure at the College Demonstrated leadership and collaboration 		
Primary Nomi	nator Information	
Name:	Dr. Todd Young	
	Professor of Physics & Astronomy	
Address:	311 Broadway St, Concord, NE 68728	
Telephone:	402 833 8117	
I affirm that I am r	not a relative, spouse, or significant other of t	he nominee.
Todd S. Young		12/20/2021
Signature of Nominator		Date



12/20/2021

NOMINATION FOR EMERITUS FACULTY AWARD Dr. Paul Karr

Writing this nomination for Dr. Paul Karr's emeritus faculty award is one of the easiest things I've ever had to do. In the twenty three years that I've known Paul, I have become thoroughly impressed with him as a professional researcher, an excellent educator, and an avid supporter of Wayne State College (WSC). I am also grateful to count him among my very close friends; I can't imagine my life at WSC without him.

Paul is clearly committed to the education of the students that pass through WSC. Paul's door is always open and I often see students in his office. It seems that he is always working with a student to help them better understand a concept or problem, or he is discussing a chemistry research project that himself and the student(s) are conducting. These projects are often presented at conferences for various organizations, including the Nebraska Academy of Science and the American Chemical Society. I have had the pleasure of consulting a couple of times for a particular project with Paul and his students. From what I contributed, combined with the discussions I've had with them, it was obvious that Paul was definitely challenging his students. He does not allow them to be just passive participants or allow them to quit on themselves. I've learned from Paul on how to better communicate with students, and how to better motivate and guide students through research projects and assignments. A testament to Paul's good work was being voted Professor of the Year in Science by the students at WSC, twice.

And when Paul is not educating and working with WSC students, he is researching molecular modeling and how these models could be applied to industry, technology, and education. To date, Paul has 57 research papers that have been published in peer-reviewed journals while at WSC! It is this professional research and working with students towards their research projects that Paul wishes to continue as an emeritus faculty.

Paul's career as an educator and contributor to science while WSC has also been recognized by the WSC faculty and Nebraska State College System with the prestigious <u>George Rebensdorf Teaching Excellence Award</u>, and as a <u>Friend of Science</u>, the top award given by the Nebraska Academy of Science.

Paul has proudly represented WSC throughout the years, and WSC and others have proudly recognized his contributions. He is a very deserving recipient of this award, and WSC would do well to have him continue as an emeritus faculty.

Sincerely,

Dr. Todd S. Young

Professor of Physics & Astronomy

Director of the Fred G. Dale Planetarium

Rural Health Opportunities Program (RHOP) Coordinator

Wayne State College



1111 Main Street

Wayne, Nebraska 68787

www.wsc.edu

Member of the Nebraska State College System

March 7, 2022

RE: Paul Karr, emeritus recommendation

Dear Vice President Elliott,

It is my sincere pleasure to write this letter of recommendation to award emeritus status to Dr. Paul Karr whom I have known for 14 years. During that time, I knew him as a peer, colleague, fellow scientist, and faculty member. His scholarly record and list of accomplishments at the institution demonstrate his dedication and commitment to the profession of teaching but also to Wayne State College and our students. He will most certainly be missed upon retirement.

During his career at Wayne State, Paul consistently demonstrated his commitment to students each semester. He did this through consistent engagement with students in the classroom and on research projects. Paul frequently had several students working on independent research projects each year that he chaperoned to regional science competitions and meetings. This extra step is the mentoring students need to learn to perform at the level necessary to succeed in science.

Paul also remained dedicated to the field of chemical modeling. He continued to do research, and engage students in that research, throughout his career. His publication record reflects that dedication and commitment as is reflected by 57 publications in peer reviewed journals while at WSC. Some of his work has been featured in art on the cover of several journals, further emphasizing that his work is not only solid, scientifically speaking, but cutting edge.

Based on my observations and interactions with Dr. Paul Karr as both a peer and now as his Dean, I give my highest recommendation that he be supported by your office for the rank of emeritus professor with all of the rights and privileges associated with that title.

Please feel free to contact me if you have any questions.

Sincerely,

Ron Loggins, Ph.D.

Ron Loggins

Dean, School of Science, Health, and Criminal Justice

Wayne State College

402.375.7030

CV, Dr. Paul A. Karr, Ph.D.

Education

Ph.D., 1993 – Wichita State University B.S., 1975 – Missouri Southern State University

Employment

1993 - Present	Assistant, Associate, and Professor, Wayne State College
1987 – 1993	Graduate Student Wichita State University
1977 – 1987	Systems Analyst Boeing Computer Services, Wichita, Kansas
1975 1977	Instructor and Computer programmer, Missouri Southern State University

Teaching

Courses taught

Chemistry 102 Lecture and Laboratory
Physical Science Today Lecture and Laboratory
General Chemistry I Lecture and Laboratory
General Chemistry II Lecture and Laboratory
Analytical Chemistry Lecture and Laboratory
Physical Chemistry I
Physical Chemistry II
Physical Chemistry Laboratory
Environmental Chemistry
Fermentation Chemistry Laboratory (Team taught)

Honors, undergraduate research, graduate thesis, or other teaching and advising activities: *A few representative examples*

At the time of this writing Brynn Sealock is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team.

At the time of this writing Levi Stacken is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team.

At the time of this writing Nathan Widener is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team. His first project has been submitted to a peer reviewed journal for publication.

At the time of this writing Hannah Mills is working with me on continuing research learning the beginning basics of computational chemistry.

Maddie J. Duffy worked on the approved EPSCoR grant research investigating via computational chemistry various donor-acceptor molecular systems. This project led to 2 peer reviewed publications for Ms. Duffy in conjunction with an international research team.

Dylan Emanuel investigated the use of empirical dispersion computations on weakly bound chemical systems.

Jake Childers (Student Fall 2012 Honors Colloquium, Wayne State College) presented "PREDICTION OF THE PKA OF SEVERAL CARBOXYLIC ACIDS FROM DFT STUDIES"

John Musil (Student Honors Colloquium, Wayne State College) presented "The Design, Development, Testing, and Approval Process of Pharmaceutical Compounds"

Stephen Wright(Student). Presented "Prediction of the PKa of Weak Acids From DFT Studies" at the 129th annual meeting of the Nebraska Academy of Science

Rachel Faust and Rita Lindberg(Students). Presented "Computational Studies of Natural and Synthetic Estrogen" at the 129th annual meeting of the Nebraska Academy of Science.

Brian Jundt(Student). Presented "A Method for the Determination of Gaussian 03 SCRF-PCM Solvent Parameters for Any Solvent For Any Model Chemistry" at the 128th annual meeting of the Nebraska Academy of Science

Dylan Emanuel investigated the use of empirical dispersion computations on weakly bound chemical systems.

Courses and/or programs developed or updated: A few representative examples

Course materials are discarded at the end of each semester. The practice of discarding course materials at semesters end allows me to re-evalte the materials used in the classroom everytime the course is taught. The reason for this practice is to keep up-to-date on the latest technical and teaching materials.

The concept of teaching 2 labs concurrently with student TA's was implemented.

Videos of every lecture topic included in General Chemistry I and General Chemistry II developed and made available to students via Canvas link to youtube.

Other Teaching and Learning Activities (demonstrating teaching effectiveness and contributions to students' academic growth and development): A few representative examples

Brynn Sealock is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team.

Levi Stacken is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team.

Nathan Widener is working with me on continuing research participating on leading edge research projects in computational chemistry an international research team. His first project has been submitted to a peer reviewed journal for publication.

Maddie J. Duffy worked on the approved EPSCoR grant research investigating via computational chemistry various donor-acceptor molecular systems. This project led to 2 peer reviewed publications for Ms. Duffy in conjunction with an international research team.

Hannah Mills worked with me in Introduction to Research and is working with me on continuing research learning the beginning basics of computational chemistry.

Dylan Emanuel investigated the use of empirical dispersion computations on weakly bound chemical systems.

Jake Childers (Student Fall 2012 Honors Colloquium, Wayne State College) presented "PREDICTION OF THE PKA OF SEVERAL CARBOXYLIC ACIDS FROM DFT STUDIES"

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Stephen Wright(Student). Presented "Prediction of the PKa of Weak Acids From DFT Studies" at the 129th annual meeting of the Nebraska Academy of Science

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Brian Jundt(Student). Presented "A Method for the Determination of Gaussian 03 SCRF-PCM Solvent Parameters for Any Solvent For Any Model Chemistry" at the 128th annual meeting of the Nebraska Academy of Science

Scholarship/Creative Activities

Grants

Applied for and received the EPSCoR Nebraska Undergraduate Research Experience at Small Colleges and Universities grant. (Completed May 2020)

Presentations at Peer Reviewed Conferences while in residence at Wayne State College

High performance computing and The search for novel materials applicable as solar energy capture, storage, and transfer devices

Paul A. Karr, Poster presentation at the HCC Life Sciences Symposium 03/02/2018

Computational study of noncovalent interaction between C₆₀ and Zinc-Tetra-Phenyl-Porphyrin

Paul A. Karr, Presented at the Midwest Regional Meeting of the American Chemical Society

PREDICTION OF THE PKA OF SEVERAL CARBOXYLIC ACIDS FROM DFT STUDIES

Jake Childers* and Paul A. Karr, Department of Physical Science and Mathematics, Wayne State College, Wayne, NE 68787 (Student Fall 2012 Honors Colloquium, Wayne State College)

The Design, Development, Testing, and Approval Process of Pharmaceutical Compounds

John Musil (Student Honors Colloquium, Wayne State College)

Integrating Molecular Modeling In The Chemistry Curriculum Phase 1: Introducing Molecular Drawing Tools in General Chemistry I

Paul A. Karr, Presented at the Midwest Regional meeting of the American Chemical Society

Prediction of the PKa of Weak Acids From DFT Studies

Stephen Wright(Student). Presented at the 129th annual meeting of the Nebraska Academy of Science

Computational Studies of Natural and Synthetic Estrogen

Rachel Faust and Rita Lindberg(Students). Presented at the 129th annual meeting of the Nebraska Academy of Science

A Method for the Determination of Gaussian 03 SCRF-PCM Solvent Parameters for Any Solvent For Any Model Chemistry

Brian Jundt(Student). Presented at the 128th annual meeting of the Nebraska Academy of Science

DFT Studies of the Free Energy, Enthalpy, and Entropy of Anion Binding of Tetra-Oxocyclohexadienylidene Porphyrinogen in Solution

Paul A. Karr, Presented at the 128th annual meeting of the Nebraska Academy of Science.

Oxocorrologen: DFT Studies on Anion Binding

Paul A. Karr, Presented at the 43rd American Chemical Society Midwest Regional Meeting.

Oxocorrologen: DFT Studies on Tautomerism and Ion Binding
Paul A. Karr (ACS MWRM 2007 November 7-10, Kansas City, MO.)

Papers Reviewed for Publication while in residence at Wayne State College

Nickel Macrocyclic Complexes with Porphyrazine and It's [Benzo]substituted, Oxo and Fluoro Ligands: DFT Analysis

Densi V. Chachkov and Oleg V. Mikhailov

Submitted to the Journal of Porphyrins and Phthalocyanines

Recommendation: Publish after minor revision

Diameter dependent structural and electronic property of fused porphyrin nanotubes: A density functional study

Somnath Chowdhury, Monoj Das, Prajan Mukherjee, Bikash C. Gupta

Submitted to the Journal of Porphyrins and Phthalocyanines

Recommendation: Publish after minor revision

Saturable Absorption Behavior of (5,10,15,20-Tetraphenylporphytinato)-Silver Crystal Thin Film at Wavelength 532 nm

Tingbin Li and Yali

Submitted to the Journal of Porphyrins and Phthalocyanines

Recommendation: Publish after minor revision

Multiolicity Spin, Structure, and Charge of the Iron-Verdoheme-Oxygenase Complex, a Comparision Study by DFT Method

Hamideh Tasharofi, Maryam Daghighi Asli, and Parisa Rajabali Jamaat

Submitted to the Journal of Porphyrins and Phthalocyanines

Recommendation: Publish as is

Thermodynamic and Mechanistic Study of the Electrochemical Oxidation of Rosmarinic Acid

Hadi Beiginejad, Mohammad Moradi, Shadi Paziresh, Hadis Farahani

Submitted to the Journal of the Electrochemical Society

Recommendation: Re-evaluate after revision

Optical properties of brominated meso-tetraphenylporphyrins: Comparative experimental and computational studies

Saeed Zakavi, Reza Omidyan, Leila Alghooneh, and Mortaza Eskandari

Submitted to the Journal of Porphyrins and Phthalocyanines (JPP)

Recommendation: Accept as is

Ab-Initio study of C20 nanocluster effects on electrochemical properties of porphyrin

Saeid Ekrami and Hamid Reza Shamlouei

Submitted to the Journal of Porphyrins and Phthalocyanines (JPP)

Recommendation: Re-evaluate after major revision

Thermodynamic and Mechanistic Study of the Electrochemical Oxidation of Rosmarinic Acid

Hadi Beiginejad, Mohammad Moradi, Shadi Paziresh, Hadis Farahani Submitted to the Journal of the Electrochemical Society

Recommendation: Re-evaluate after revision

Quantum Chemical Study on the Structure and Energetics of Binary Ionic Porphyrin Complexes

Pavithra Jayachandran, Abiram Angamuthu, and Praveena Gopalan Submitted to the Journal of Porphyrins and Phthalocyanines (JPP) **Recommendation: Reject**

Electronic Properties of Pristine (8,0) Single-Walled Carbon Nanotube for Gas Sensor Application: A First Principles Study

Electrochemical Society Journal; Mohd Asyadi Azam, Farizul Muiz Alias, Raja Noor Amalina Raja Seman, and Mohamad Fariz Mohamad Taib

Recommendation: Reject

Simulation of Porphyrin-ethanol solvate shell by DFT Method

Journal of Porphyrins and Phthalocyanines; P.V. Singin, M.K. Islyaikin, I.P. Trifonova, V.A. Burmistrov, and O.I. Koifman.

Recommendation: Publish after corrections

Significant hydrogen-bonding effect on the reactivity of high-valent manganese (V)-oxo porphyrins in C-H bond activation: A DFT Study

Journal of Porphyrins and Phthalocyanines; Abdolreza Rezaeifard, Hossein Kavousi, Heidar Raissi, and Maasoumeh Jafarpour

Recommendation: Reject

Quantum Chemistry Studies of Meta-tetra(hydroxyphenyl)chlorin (mTHPC) and its Isomers

Journal of Porphyrins and Phthalocyanines; Osmair Vital de Oliveira, Jose Maria Pires. (publication status unknown)

TD-DFT Calculations of the Excited States of Metalloporphyrins Relevant to Organic Solar Photovoltaic Cells

Journal of Porphyrins and Phthalocyanines; Neha Agnihotri and Ronald P. Steer (publication status unknown)

DFT and TD-DFT Calculations of Axially Substituted Tin Porphyrins and an Ethynyl-linked Tin Porphyrin Dimer

Journal of Porphyrins and Phthalocyanines; Neha Agnihotri and Ronald P. Steer (publication status unknown)

Study on charge transmission of functional groups substituted zinc porphyrin analogues as sensitizers in dye-sensitised solar cells

Journal of Porphyrins and Phthalocyanines; Neha Agnihotri and Ronald P. Steer

Journal of Porphyrins and Phthalocyanines; Neha Agnihotri and Ronald P. Steer (publication status unknown)

Kinetic Studies on the Self-aggregation of a Non Ionic Porphyrin in the Presence of Ionic Liquid by Molecular Dynamics Simulation

Journal of Porphyrins and Phthalocyanines; Maryam Ghadamghahi, Davood Ajloo, Mahmood Moalem

(publication status unknown)

Spectroscopic and theoretical insights on determination of binding strength and molecular structure for the supramolecular complexes of a designed bisporphyrin with C60 and C70

Journal of Porphyrins and Phthalocyanines (publication status unknown)

Calculation and Prediction of Rate and Equilibrium Constants for Aggregation of Porphyrin by Molecular Dynamics, Docking and QSPR Methods

Journal of Porphyrins and Phthalocyanines
(publication status unknown)

Electrocatalytic reactions of dioxygen and nitric oxide with reduced (nitrosyl) cobalt porphyrins – cyclic voltammetry and computational chemistry Journal of Porphyrins and Phthalocyanines (publication status unknown)

Peer Reviewed Publications while in residence at Wayne State College

Photoinduced energy and electron transfer in a cofacial aluminum(III) porphyrin – Phosphorus(V) porphyrin heterodimer

Brandon J.Bayard^a NiloofarZarrabi^a SairamanSeetharaman^b PaulKarr^c Artvan der Est^d FrancisD'Souza^b Prashanth K.Poddutoori^a 2021/12 100069, Journal of Photochemistry and Photobiology https://doi.org/10.1016/j.jpap.2021.100069

Excited state charge separation in an azobenzene-bridged perylenediimide dimer-effect of photochemical trans-cis isomerization;

Nathalie Zink-Lorre, Sairaman Seetharaman, David Gutiérrez-Moreno, Fernando Fernández-Lázaro, Paul A Karr, Francis D'Souza 2021/8/18 Chemistry—A European Journal

Meso-Biphenyl-Linked, Near- and Far-Infrared Emitting, Chlorin and Bacteriochlorin Dimers: Synthesis, Excitation Transfer, and Singlet Oxygen Production;

Sairaman Seetharaman, Mykhaylo Dukh, Walter A Tabaczynski, Zhongping Ou, Paul A Karr, Karl M Kadish, Ravindra K Pandey, Francis D'Souza 2021/04 ChemPlusChem Volume 86/Issue 4/Pages 674-680

Pyrazinacenes exhibit on-surface oxidation-state-dependent conformational and self assembly behaviors;

D Miklík, SF Mousavi, Z Burešová, A Middleton, Y Matsushita, J Labuta, Aisha Ahsan, Luiza Buimaga-Iarinca, Paul A Karr, Filip Bureš, Gary J Richards, Pavel Švec, Toshiyuki Mori, Katsuhiko Ariga, Yutaka Wakayama, Cristian Morari, Francis D'Souza, Thomas A Jung, Jonathan P Hill

2021/03 Communications Chemistry 4 (1), 1-10 Nature Publishing Group

Anion-enhanced excited state charge separation in a spiro-locked N-heterocyclefused push-pull zinc porphyrin;

Mandeep K Chahal, Anuradha Liyanage, Ajyal Z Alsaleh, Paul A Karr, Jonathan P Hill, Francis D'Souza

2021 Chemical Science Volume 12/Issue 13/Pages 4925-4930 Publisher: Royal Society of Chemistry

A charge transfer state induced by strong exciton coupling in a cofacial μ-oxobridged perphyrin heterodimer;

Niloofar Zarrabí, Brahdon J Bayard, Sairaman Seetharaman, Noah Holzer, Paul Karr, Susanna Ciuti, Antonio Barbon, Marilena Di Valentin, Art Van Der Est, Francis D'Souza, Prashanth K Poddutoori

2021 Physical Chemistry Chemical Physics Volume 23/Issue 2/Pages 960-970 Royal Society of Chemistry

Front Cover: Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates (ChemPhysChem 20/2020);
Luis Martín-Gomis, Sairaman Seetharaman, David Herrero, Paul A Karr, Fernando Fernández-Lázaro, Francis D'Souza, Ángela Sastre-Santos 2020/10/16 ChemPhysChem Volume 21/Issue 20/Pages 2230-2230

Distance-Dependent Electron Transfer Kinetics in Axially Connected Silicon Phthalocyanine-Fullerene Conjugates;

Luis Martín-Gomis, Sairaman Seetharaman, David Herrero, Paul A Karr, Fernando Fernández-Lázaro, Francis D'Souza, Ángela Sastre-Santos 2020/10/16 ChemPhysChem Volume 21/Issue 20/Pages2254-2262

Selective phase transfer reagents (OxP-crowns) for chromogenic detection of nitrates especially ammonium nitrate;

Mandeep K Chahal, Daniel T Payne, Jan Labuta, Paul A Karr, Francis D'Souza, Katsuhiko Ariga, Jonathan P Hill 2020/10/15 Chemistry-A European Journal Volume 26/Issue 58/Pages 13177-13183

Persubstituted Triphenylamine Bearing Zinc Porphyrin to Host Endohedral Fullerene, Sc₃N@C₈₀: Formation and Excited State Electron Transfer;
Muniappan Sankar, Pinki Rathi, Ashwin Ganesan, Sairaman Seetharaman, Paul A Karr, Francis D'Souza
2020/06/11 The Journal of Physical Chemistry B Volume 124/Issue 27/Pages 5723-5729/Publisher: The American Chemical Society

Distance Matters: Effect of the Spacer Length on the Photophysical Properties of Multimodular Perylenediimide—Silicon Phthalocyanine—Fullerene Triads; Luis Martín-Gomis, Rocío Díaz-Puertas, Sairaman Seetharaman, Paul A Karr, Fernando Fernández-Lázaro, Francis D'Souza, Ángela Sastre-Santos 2020/04/09 Chemistry-A European Journal Volume 26/Issue 21/Pages 4822-4832

Electron and energy transfer in a porphyrin–oxoporphyrinogen–fullerene triad, ZnP–OxP– C_{60} ;

Mandeep K Chahal, Habtom B Gobeze, Whitney A Webre, Paul A Karr, Daniel T Payne, Katsuhiko Ariga, Francis D'Souza, Jonathan P Hill 2020 Physical Chemistry Chemical Physics Volume 22/Issue 25 Pages 14356-14363/Publisher: Royal Society of Chemistry

Nanomolecular singlet oxygen photosensitizers based on hemiquinonoid-resorcinarenes, the fuchsonarenes;

Daniel T Payne, Whitney A Webre, Habtom B Gobeze, Sairaman Seetharaman, Yoshitaka Matsushita, Paul A Karr, Mandeep K Chahal, Jan Labuta, Wipakorn Jevasuwan, Naoki Fukata, John S Fossey, Katsuhiko Ariga, Francis D'Souza, Jonathan P Hill

2020 Chemical Science Volume 11/Issue 10/Pages 2614-2620/Publisher: Royal Society of Chemistry

Triplet BODIPY and AzaBODIPY Derived Donor-acceptor Dyads: Competitive Electron Transfer versus Intersystem Crossing upon Photoexcitation; Shuai Shao, Habtom B Gobeze, Venugopal Bandi, Christiane Funk, Brian Heine, Maddie J Duffy, Vladimir Nesterov, Paul A Karr, Francis D'Souza 2020/01 ChemPhotoChem Volume 4/Issue 1/Pages 68-71

Electron spin polarization in an Al (III) porphyrin complex with an axially bound nitroxide radical;

Prashanth K Poddutoori, Yuri E Kandrashkin, Paul Karr, Art Van Der Est 2019/11/28 The Journal of Chemical Physics Volume 151/Issue 20/Pages 204-303/Publisher: AIP Publishing LLC

Amphiprotism-coupled near-infrared emission in extended pyrazinacenes containing seven linearly fused pyrazine units;

Gary J Richards, Aël Cador, Shinji Yamada, Anna Middleton, Whitney A Webre, Jan Labuta, Paul A Karr, Katsuhiko Ariga, Francis D'Souza, Samia Kahlal, Jean-François Halet, Jonathan P Hill

2019/11/18 Journal of the American Chemiscal Society Volume 141/Issue 50/Pages 19570-19574/Publisher: The American Chemical Society

Directly Linked Zinc Phthalocyanine-Perylenediimide Dyads and a Triad for Ultrafast Charge Separation;

Nathalie Zink-Lorre, Enrique Font-Sanchis, Sairaman Seetharaman, Paul A Karr, Ángela Sastre-Santos, Francis D'Souza, Fernando Fernández-Lázaro 2019/08/01 Chemistry-A European Journal Volume 25/Issue 43/Pages 10123-10132

Sequential, Ultrafast Energy Transfer and Electron Transfer in a Fused Zinc Phthalocyanine-free-base Porphyrin-C60 Supramolecular Triad;

Sairaman Seetharaman, Jorge Follana-Berná, Luis Martín-Gomis, Georgios Charalambidis, Adelais Trapali, Paul A Karr, Athanassios G Coutsolelos, Fernando Fernández-Lázaro, Ángela Sastre-Santos, Francis D'Souza 2019/01/07 ChemPhysChem Volume 20/Issue 1/Pages 163-172

A zinc phthalocyanine-benzoperylenetriimide conjugate for solvent dependent ultrafast energy vs. electron transfer;

Valeria Navarro-Pérez, Ana M Gutiérrez-Vílchez, Javier Ortiz, Ángela Sastre-Santos, Fernando Fernández-Lázaro, Sairaman Seetharaman, MJ Duffy, Paul A Karr, Francis D'Souza

2019 Chemical Communications Volume 55/Issue 99/Pages 14946-14949/Publisher: Royal Society of Chemistry

Knock-on synthesis of tritopic calix [4] pyrrole host for enhanced anion interactions:

Mandeep K Chahal, Jan Labuta, Václav Březina, Paul A Karr, Yoshitaka Matsushita, Whitney A Webre, Daniel T Payne, Katsuhiko Ariga, Francis D'Souza, Jonathan P Hill

2019 Dalton Transactions Volume 48/Issue 41/Pages 15583-15596/Publisher: Royal Society of Chemistry

Paddle-Wheel BODIPY-Hexaoxatriphenylene Conjugates: Participation of Redox-Active Hexaoxatriphenylene in Excited-State Charge Separation to Yield High-Energy Charge-Separated States;

Robert Cantu, Sairaman Seetharaman, Eric M. Babin, Paul A. Karr, and Francis D'Souza

J. Phys. Chem. A, 2018, 122 (15), pp 3780-3786 DOI: 10.1021/acs.jpca.8b01192

Phenanthroline-Fused Pyrazinacenes: One-Pot Synthesis, Tautomerization and a Ru^{II}(2,2'-bpy)₂ Derivative;

Pavel Švec, Whitney A. Webre, Gary J. Richards, Jan Labuta, Yutaka Wakayama, David Miklik, Paul A. Karr, Toshiyuki Mori, Katsuhiko Ariga, Francis D'Souza and Jonathan P. Hill

The European Journal of Inorganic Chemistry, Eur. J. Inorg. Chem. 2018 DOI: 10.1002/eiic.201800283

Supramolecular complex of a fused zinc phthalocyanine-zinc porphyrin dyad assembled by two imidazole-C60 units: ultrafast photoevents;

Jorge Follana-Berna, Sairaman Seetharaman, Luis Martin-Gomis, Georgios Charalambidis, Adelais Trapali, Paul A. Karr, Athanassios G. Coutsolelos, Fernando Fernandez-Lazaro, Francis D'Souza, and Angela Sastre-Santos The Royal Society of Chemistry, Phys. Chem. Chem. Phys 2018 DOI: 10.1039/c8cp00882c

Fluoride-ion-binding promoted photoinduced charge separation in a self-assembled C₆₀ alkyl cation bound bis-crown ether-oxoporphyrinogen supramolecule:

Whitney A. Webre, Habtom B. Gobeze, Shuai Shao, Paul A. Karr, Katsuhiko Ariga, Jonathan P. Hill, and Francis D'Souza

The Payel Society of Chemistry Chem. Commun. 2018, 54, 1351 1354 DOI:

The Royal Society of Chemistry, Chem. Commun. 2018, 54, 1351-1354 DOI: 10.1039/c7cc09524d

Peripheral phenothiazine induced suppression of charge separation from the singlet excited zinc phthalocyanine to coordinated C₆₀ in supramolecular donor-acceptor conjugates;

Sairaman Seetharaman, Youngwoo Jang, Chandra B. KC, Paul A. Karr, and Francis D'Souza Journal of Porphyrins and Phthalocyanines 2017; 21:1-12 DOI:10.1142/S1088424617500924

Directly Attached Bisdonor-BF2 Chelated Azadipyrromethene-Fullerene Tetrads for Promoting Ground and Excited State Charge Transfer,

Melissa A Collini, Michael B Thomas, Venugopal Bandi, Paul A Karr, Francis D'Souza; 2017/1/1; Chemistry-A European Journal

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Service

Service to Department: A few representative activities

RPD Departmental Committee Rep. (and multiple other faculty committies over my years of service)

Physics Faculty search committee member (and multiple other faculty searches over my years of service)

Attended with students Fall RHOP trip to the University of Nebraska College of Medicine (multiple times over my years of service)

Organized multiple chemistry laboratories, helped with scheduling to accomadate the Biology laboratories

Met with multiple student visitors to Wayne State in the areas of Chemistry, Pre-

Pharamacy, Pre-Medicine, Pre-Nursing, and other majors.

Helped with the Science Bowl. (multiple times over my years of service)

Service to Discipline and Profession: A few representative activities

Twenty-nine year Member Nebraska Academy of Science

Twenty-nine year Member American Chemical Society

Member Great Plains Planetarium Association (multiple years)

Actively pursing leading-edge research as evidenced by publication and presentation history

Acting as a peer reviewer for scientific publications as evidenced by reviewer history

Service to Community: A few representative activities

Developed and presented Physical Science "On-The-Road" Show to the regional schools and other public gatherings.

Performed with "Quimtessence" at Open Mic night

Continuing to work with Todd Young in the Fred G. Dale Planetarium to deliver public shows.

Continuing to Deliver LASER Light shows to the public in the Fred G. Dale Planetarium.

Participated as a "reader" in the Nebraska Science Bowl

Participated as a judge at the Nebraska Junior Academy of Science.

Taught (with my wife) beginning couples dance classes (two-step, waltz, swing, triple-two-step, loco-motion, and slow dance) at Miss Molly's Coffee Shop as a community service.

Perform as a Guitar/Vocal Duo with Tim Sharer, *Paradox*. (All proceeds from performances go to local charities).

Service to School and College: A few representative activities

Presented Physical Science "On-The-Road" Show on Earth Day Played Guitar and sang with Tim Sharer at Niehardt Hall social

Participated on the interview team for the new RHOP-Nursing program

Participated in "Just Juniors" in the student center, meeting with parents and students in the morning, and working in the planetarium demonstrating the capabilities of our digital projection system during the afternoon tours.

Served on the planning committee of the inauguration of President Marysz Rames



1111 Main Street Wayne, Nebraska 68787 www.wsc.edu *Member of the Nebraska State College System*

Vice President for Academic Affairs 402-375-7208

May 13, 2021

Dear President Rames,

This letter is written on behalf of Dr. Paul Karr, in support of his nomination for Emeritus Status. Dr. Karr has been an effective teacher, scholar, and mentor at WSC for 29 years. As a faculty member in Chemistry in the Department of Physical Sciences and Mathematics, Dr. Karr served in numerous committee leadership roles, developed new courses to the curriculum, presented at peer reviewed conferences, and has continued to work with students on leading edge research projects in the chemistry discipline.

Dr. Karr is and will continue to be a resource of past practices and advice for the Chemistry program. His potential for future contributions will be an asset to the institution.

I recommend Paul Karr for Emeritus Status without any reservations.

Sincerely,

Steve Elliott

Vice President for Academic Affairs

S. Slott

Wayne State College

(402) 375-7208

stellio1@wsc.edu



1111 Main Street Wayne, Nebraska 68787 www.wsc.edu *Member of the Nebraska State College System*

PRESIDENT (402) 375-7200

May 19, 2022

Chancellor Paul Turman Nebraska State College System Office 1327 H Street, Suite 200 Lincoln, NE 68508

Dear Chancellor Turman:

I am writing in support of Dr. Paul Karr's nomination for Emeritus Status. His 27 years of service to Wayne State College and his involvement while on campus as an active faculty member make him an excellent candidate.

Dr. Karr is an accomplished faculty member. He taught numerous undergraduate courses and worked with several students on undergraduate research, honors projects, and thesis, in addition to other teaching and advising activities, which included RHOP. He advised student organizations including the Chemistry Club and was co-advisor of the Science Fiction Club. He served on the Rank & Professional Development Committee, Faculty Senate, search committees and various others during his tenure at Wayne State College. Dr. Karr was a member of the American Chemical Society, the Nebraska Academy of Science and other organizations. Dr. Karr presented at conferences and reviewed several papers and publications. He also applied for and received the EPSCoR Nebraska Undergraduate Research Experience at Small Colleges and Universities grant. His experience and expertise in chemistry will be utilized in his professional work and research. Dr. Karr's expertise is evident when reviewing his curriculum vitae.

In Dr. Karr's retirement, I believe he will continue to be an active and contributing member of the Wayne State community. I highly recommend that he receive Emeritus Status.

Cordially,

Marysz P. Rames

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President