Perry J. Pellechia

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Education/Training:

Purdue University (West Lafayette, IN)	Ph.D.	1989	Analytical Chemistry
Saint Joseph's College (Brooklyn, NY)	B.S.	1984	Chemistry

Research and Professional Experience:

Director of NMR Services; University of South Carolina.	March 1997 – Present
NMR Instrumentation Specialist; Purdue University.	July 1990 – March 1997
Staff Chemist; Phillips Petroleum.	June 1989 - June 1990
NMR Departmental Service Operator; Purdue University.	June 1986 - May 1989

Significant Awards and Honors:

Magna Cum Laude: Saint Joseph's College 1984

Relevant Publications:

Prakash, Rahul; Esmaeili, Mohsen; Gbadamosi, Fahidat A.; Pellechia, Perry J.; Sadati, Monirosadat; Shimizu, Linda S., Supramolecular Gelation of Triphenylamine Bis-Urea Macrocycles in Toluene, *Macromolecules* (Washington, DC, United States) **2024**, 57(3), 1312-1318

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Jayaweera, H. D. A. Chathumal; Rahman, Md. Mamdudur; Pellechia, Perry J.; Smith, Mark D.; Peryshkov, Dmitry V., Free three-dimensional carborane carbanions, *Chemical Science* **2021,** 12(31), 10441-10447.

Bell, Douglas W.; Pellechia, Perry J.; Ingall, Ellery D.; Benitez-Nelson, Claudia R., Resolving marine dissolved organic phosphorus (DOP) composition in a coastal estuary, *Limnology and Oceanography* **2020**, 65(11), 2787-2799.

Vik, Erik C.; Li, Ping; Pellechia, Perry J.; Shimizu, Ken D. Transition-State Stabilization by n→π* Interactions Measured Using Molecular Rotors *Journal of the American Chemical Society* **2019**, 141(42), 16579-16583

Ayudhya, T. I.; Pellechia, P. J.; Dingra, N. N. ROS-mediated carbon monoxide and drug release from drug-conjugated carboxyboranes. *Dalton Transactions* **2018**, 47(2), 538-543.

Collaborators:

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K. Sharp-Knott (Virginia Tech)
T. Ayudhya (U. Texas Permian Basin)
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M. ter Horst (U. of North Carolina)
Sami Varjosaari (U. South Carolina, Sumter)
M. Baalousha (U. South Carolina, Public Health)
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A.B. Greytak (U. South Carolina, Chemistry)
K. Huang (U. South Carolina, Engineering)
M. Gower (U. South Carolina, Engineering)
G.Jalilvand (U. South Carolina, Engineering)
Y. Li (U. South Carolina, Pharmacy)
C. McInnes (U. South Carolina, Pharmacy)
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Graduate Advisor:

Ph.D. - John B. Grutzner (Purdue University)