

Curriculum Vita—Al M. Panu

Professional Experience

University of North Georgia

Senior Vice President for University Affairs, 2013-present

As Senior Vice President for University Affairs (SVPUA) I serve on the cabinet and report to the President. I am responsible for the oversight of the Gainesville campus, the Oconee campus, and the Cumming campus of the UNG. I also serve as the senior administrator responsible for the institution's Complete College Georgia initiative, the academic support services, the University College, the learning support program, the ESL program, the academic advising center, the testing centers, the center for adult learners and military.

Gainesville State College, GA

Vice President for Academic Affairs, 2011-2013

Interim Vice President for Academic Affairs, 2010-11

As Vice President for Academic Affairs I served as chief academic officer of the College and reported to the President. I was responsible for leadership and supervision of all credit and non-credit educational programs as well as academic support services, the library, and the learning resources center. I provided leadership in program development and community outreach and worked closely with the President and other members of the Executive Council to develop the budget and make other decisions involving the welfare of the collegiate community.

Gainesville State College, GA

Dean of the School of Science, Technology, Engineering & Mathematics,

January 2010- June 2010

The School of Science, Technology, Engineering & Mathematics (STEM) was created during the restructuring of the College from divisions to schools, and reflected a larger unit resulting from combining two divisions, the mathematics division and the science, engineering and technology division. I served as the founding Dean of the School of STEM. I was responsible for carrying out all the responsibilities listed below under Chair of the Division of Science, Engineering & Technology for the combined divisions.

Chair of the Division of Science, Engineering & Technology, 2007-10

I served as administrative leader of division's curriculum, programs, academies, centers, institutes, etc. across the Gainesville campus and the Oconee campus. I monitored adherence to professional discipline standards and accreditation as applicable. I developed and recommended to the VPAA the division's budget for personnel, travel, materials, advertising materials, equipment and supplies, printing and publications, contracts, lease/rental contracts. I supervised unit heads, and support staff within the division. I conducted and/or coordinated annual evaluations of unit heads, faculty and staff in the division. I

recommended new faculty hires with associated rank, salary and time toward tenure to VPAA for approval. I recommended faculty for reappointment, tenure, and promotion to the VPAA.

I worked collaboratively with internal and external stakeholders on priorities and programs identified through the college and division strategic planning process. In consultation with VPAA Office, I sought to establish and maintain partnerships with units in the University System of Georgia. I coordinated the division's public relations activities in consultation with GSC public relations officer. I maintained and coordinated all program review and curricular assessment within the division's programs. I resolved student grievances on academic issues including grade appeals, course substitution, transfer issues, and academic exchange.

I taught two courses within each year.

Kennesaw State University, GA

Assistant Dean of the College of Science & Mathematics, 2000-04

Associate Dean of the College of Science & Mathematics, 2004-05

I reported to the Dean of the College of Science and Mathematics. I resolved student grievances on academic issues including grade appeals, conflicts with faculty, etc. I was responsible for the design, content, and upkeep of the College's website. I was responsible for election and appointment of faculty to the college's standing committees, and other ad hoc committees. I was responsible for the selection and recognitions of faculty and students honored through College's awards. I was responsible for the operation and growth of the Enplas Lecture series. I was responsible for policies and operation of the undergraduate Mentor-Protégé Research Program. I represented the Dean at internal and external meetings and events when needed. I represented the college at the University level on matters of tenure and promotion processes and procedures. I also carried out other duties as assigned.

I taught one to two courses each semester.

Education Ph.D., Chemistry, University of Georgia, 1986.
M.S., Chemistry, University of Alabama in Birmingham, 1980.
B.S., Chemistry, Tuskegee Institute, 1978.

Educational Training Beyond Last Earned Degree Post-doctoral Research Fellow, Emory University, 1986-87
Solution conformation studies of transforming growth factors (peptides) by circular dichroism (CD).

Synthesis of labeled amino acids.

Short Courses/Professional Training AACRAO Executive Symposium on Enrollment Management, Los Angeles, CA, 2014.

Accelerated Leadership Academy (University System of Georgia Board of Regents), Atlanta, GA, 2013.

American Council on Education (ACE) Institute for New Chief Academic Officers, 2011-12.

Executive Leadership Institute (University System of Georgia Board of Regents), Atlanta, GA, 2009.

American Council on Education (ACE) Chairing the Academic Department Workshop, Alexandria, VA, 2004.

Governor Teaching Fellowship, Athens, GA, 2000.

Computational Chemistry, taught by W. Here and W. Huang, Wavefunction Inc., 1999.

Fundamentals of NMR Spectroscopy, taught by Dan Trafficanti, NMR Concepts, 1998.

Teaching Through Learning Channels, taught by Performance Learning Systems Inc., NJ, 1991.

Basic training in use of ChemX, taught by Chemical Design Inc., NJ, 1990.

**Teaching Experience &
Administrative
Experience**

Professor of Chemistry and Vice President for Academic Affairs, Gainesville State College, 2011-present.

Professor of Chemistry & Interim Vice President for Academic Affairs, Gainesville State College, 2010 to 2011.

Professor of Chemistry & Dean of School of Science, Technology, Engineering, and Mathematics, Gainesville State College, 2010 (CHEM 3442K).

Professor of Chemistry & Chair Division of Science, Engineering, and Technology, Gainesville State College, 2007-2009 (CHEM 1151, 1152, 3441K).

Associate Professor of Chemistry, Kennesaw State University, 2006-2007 (CHEM 3362, 3361, 3362L, 3361L).

Visiting Professor of Chemistry, Georgia Institute of Technology, 2005-2006 (CHEM 2312).

Associate Professor of Chemistry & Associate Dean, College of Science and Mathematics, 2004-2005 (CHEM 3362).

Associate Professor of Chemistry & Assistant Dean, College of Science and Mathematics, 2000-2004 (CHEM 1151, 3361, 3362, 3420, 4430).

Associate Professor of Chemistry, Kennesaw State University, 1993-2007
Teaching undergraduate chemistry courses (CHEM 105, 106, 111, 112, 3361, 3362, 3420, 4490).

Assistant Professor of Chemistry, Kennesaw State College, 1988-1993
Teaching undergraduate chemistry courses (CHEM 105, 106, 111, 112, 240, 241, 342, 443).

Temporary Assistant Professor of Chemistry, Kennesaw College, 1988
Teaching undergraduate chemistry courses (CHEM 105, 106, 240, 241).

Teaching Assistant, University of Georgia, 1981-86.
Teaching and supervision of undergraduate chemistry laboratory courses at all levels.

Teaching Assistant, University of Alabama in Birmingham, 1978-80

**Membership in
Professional & Honor
Societies**

Golden Key National Honor Society, 2000-present

American Chemical Society, 1982-86, 1999-2006

American Society of Pharmacognocny, 1984-86

Honors & Activities

2013 Black Heritage Month Leadership Award

Golden Key Honor Society, 2000.

KSU College of Science and Mathematics Distinguished Teaching Award
Winner, 1998

Nominated for the Kennesaw State University Distinguished Teacher
Award,

1991, 1992, 1994, 1996, 1998, 1999, 2000

Semi-finalist for Kennesaw State College Distinguished Teacher Award,
1994, 1996, 2000

Who is Who Among America's Teachers, Fourth Annual, 1996

North East Georgia American Chemical Society Division Most Outstanding
Graduate Student in Chemistry Award, 1983.

Competition based on scholastic aptitude and other factors.

Most Outstanding Graduate Student in Chemistry Award, University of
Alabama in Birmingham, 1980.

Competition based on scholastic aptitude and other factors.

United Negro College Fund Pre-med summer Fellowship, 1977.
Competition based on scholastic aptitude

**Professional
Presentations & Posters**

American Association of Colleges & Universities, 2011
"Challenges and Opportunities in Fostering a Culture of Using Pedagogies of Engagement for STEM Instruction at a Predominantly Transfer Institution"

Georgia Academy of Science, 2005
"Molecular Modeling Studies of Conformationally Constrained Analogs of Mefloquine"

Georgia Academy of Science, 2005
"Synthesis of 2,7-Disubstituted-3-((E/Z)-penta-2,4-dienyl)quinoline-4-carboxylic acid"

Georgia Academy of Science, 2003
"Synthesis of 3-((2-bromopyridin-3-yl)methyl)quinoline-4-carboxylic acid"

American Chemical Society National Meeting, 2002
"Isolation and Structure elucidation of Constituents of *Neurolina Lobota*"

Georgia Academy of Science, 2002
"Isolation and Structure elucidation of Constituents of *Neurolina Lobota*"

Georgia Academy of Science, 2002
"Synthesis of Conformationally Restricted Derivatives of the Antimalarial Compound Mefloquine"

Georgia Academy of Science, 1998
"Synthesis of Conformationally Restricted Derivatives of the Antimalarial Compound Mefloquine"

KSU Undergraduate Research Symposium, 1998

International Cannabis Research Society, 1994
"Construction of a 3D Model of The Cannabinoid Receptor: Determination of Transmembrane Helical Ends and Helical Phase"

International Cannabis Society, 1992
"Characterization of a Region of Steric Interference at the Site of Action of the Cannabinoids"

Federation of American Societies for Experimental Biology, 1991
"Characterization of a Region of Steric Interference at the Site of

Action of the Cannabinoids"

Georgia Academy of Science, 1990
"Synthesis and Characterization of 1-benzyl-4-substitued-3-piperidine carboxylic acid N,N-diethylamide"

University of North Carolina Charlotte, Department of Chemistry, 1990
"Selected Applications of Circular Dichroism in Organic Chemistry and Biochemistry"

National Organization of Black Chemists and Chemical Engineers, 1988
"Methods for Calculating Protein Conformation from Circular Dichroism"

Research Projects Panu, A. M., Synthesis of Conformationally Constrained derivatives of Antimalarial Mefloquine; Isolation and Characterization of Antimalarial Compounds Derived From Medicinal Plants, 1996-2007.

Panu, A. M., Kubanek, J., Bio-assay Guided Fractionation of Xenia, Red Alga, and Reteporellina Extracts, 2006.

Reggio, P. H., Panu, A.M., Molecular Modeling Studies of Cannabinoids, and Cannabinoid Receptors, Kennesaw State College, 1991-95.

Panu, A.M., Sadjadi, F., Synthesis of 1-Benzyl-4-Substitued-3-Piperidine Carboxylic Acid N,N-Diethylamide, Kennesaw State College, 1990.

Zung, J., Panu, A.M., Warner, I., Induced Circular Dichroism of b-Cyclodextrin-Methyl Orange Complex, Emory University (Post Doc, 1987).

Panu, A.M., Live, D., Circular Dichroism of Transforming Growth Factors, Emory University (Post Doc, 1987)

Panu, A.M., Pelletier, S.W., Diterpenoid Alkaloids from *D. andersonii* Gray (Ph.D. dissertation, 1986).

Panu, A.M., Pelletier, S.W., Exciton-Split Circular Dichroism of C19-diterpenoid Alkaloid Derivatives (Ph.D. dissertation, 1986).

Publications May, S. R., Cook, D. L., Panu, A. M.
A Logistic Model to Predict the Impact of Undergraduate Research Variables on Acceptance into Graduate Education Programs. *CUR Quarterly*, **32** (2012), 18.

Bramblett, R.D., Panu, A.M., Ballesteros, J.A., and Reggio, P.H., Construction of A 3D Model of The Cannabinoid CB1 Receptor: Determination of Helix Ends and Helix Orientation. *Life Sciences*, **56** (1995), 1971.

Hill, R.K., Gapud, B.D., Hagishita, S., Panu, A.M., Chirality Due to ¹³C Substitution. Preparation and Chiroptical Properties of (1S,4R)-[2-¹³C]-2,6-Diketocamphane. *J. Org. Chem.*, accepted for publication pending revisions.

Joshi, B.S., Puar, M.S., Bai, Y., Panu, A.M., Pelletier, S. W., The Structure of Andersobine, A New Alkaloid from *Delphinium Andersonii* Gray. *Tetrahedron*, **50** (1994), 12284.

Reggio, P. H., Panu, A. M., Miles, S., Characterization of a Steric Requirement for Cannabinoid Activity, *J. Med. Chem.*, **36** (1993) 1761.

Pelletier, S.W., Panu, A.M., Kulanthaivel, P., Olsen, J.D., New Alkaloids From *Delphinium Andersonii* Gray. *Heterocycles* **27** (1988), 2387.

Desai, H.K., Joshi, B.S., Katz, A., Panu, A.M., Pelletier, S.W., Structure of Heterophylloidine and Panicutine. *Heterocycles* **24** (1986) 1275.

Desai, H.K., Joshi, B.S., Panu, A.M., Pelletier, S.W., Separation of Diterpenoid Alkaloids Mixtures Using the Chromatotron. *J. Chromatogr.* **322** (1985), 223.

Panu, A.M., Pelletier, S.W., Exciton-Split Circular Dichroism of C₁₉-diterpenoid Alkaloid Derivatives (Ph.D. dissertation, 1986).

Grant Awards Kennesaw State University Start-Restart Grant (\$15,000), 2005.

RSEC Program (\$24,000 for part-time replacement) –at Georgia Institute of Technology, 2005.

KSU Master Teaching Award for project “Increasing Students Chemistry Learning through Chemistry of Consumer Products”, 1999.

National Science Foundation (NSF) (\$55,402), 1997 & 1998
“A College/Community-Operated Young Scholar Program in
“Environmental Toxicology for High Ability/High Potential Students”

National Institute of Drug Abuse (NIDA) Minority Supplement Grant (\$ 48,753 over two years), 1993, 1994.
Molecular Modeling of The Trans-Membrane Domains of The Cannabinoid Receptor.

Summer Stipend for a Pilot Project Award, Kennesaw State College, 1990
Design and Synthesis of Antagonists of Hallucinogen Receptors.

Community/Professional Service and USG Service Regional Branch Campus Administrators Conference Committee, 2015
Board Member of Elachee Nature Science Center, 2014
Leadership Hall County, 2013
Reviewer for USG Complete College Georgia Incubator Grants, 2013
Reviewer for USG Complete College Georgia Plans, 2012
Great Hall Chamber of Commerce Board of Directors, 2012
Chair of PKAL Atlanta (Project Kaleidoscope), 2011-12
Member of Gainesville Rotary Club, 2011- present
Member of Kiwanis Club of South Hall, 2010-2011
Whitefield Academy Board of Trustees (2007-2013)
Executive Leadership Institute Mentor, 2010-11
CommunitEy Board of Advisors, 2007-2008
Tutoring and Advising services for Youth Academic Business and Ballers (YABBA), 2008
Cobb Educational Consortium, 2004
Palmer Middle School Board of Advisors, 2003
Big Brothers Organization, 2000