CURRICULUM VITAE

Gagik Melikyan, Ph.D., D.Sc., AAAS Fellow, Professor of Chemistry, Department of Chemistry and Biochemistry, California State University Northridge (CSUN), Northridge, CA;
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faculty research website: https://w2.csun.edu/faculty-staff/person/gagik-melikyan
faculty teaching website: https://academics.csun.edu/faculty/gagik.melikyan
faculty book websites: https://www.csun.edu/gmelikyan/ and http://imaginethetruth.com/

RESEARCH FIELDS

Organic Chemistry; Inorganic Chemistry/Transition Metal or Organometallic Chemistry; Hormone Chemistry; Food Chemistry; Materials Science; Enzymatic Chemistry; Computational Chemistry.

RESEARCH INTERESTS

Asymmetric synthesis; radical and ionic reactions of transition metal-complexed unsaturated systems; synthetic methods based on new physical principles; therapeutic agents for breast cancer treatment; aromatase inhibitors; unnatural female hormones; nonsteroidal hormones; antioxidants; supplements; cosmetics; consumer product adulteration; environmental laws; public health-related legislation; history of chemistry; data analysis.

PUBLICATIONS & BOOKS & PATENTS & PRESENTATIONS & PETITIONS

90 papers in peer-reviewed journals, including
9 reviews and book chapters;
2 books;
3 patents;
251 presentations including:
national, regional, and international conferences – 67 (7 - invited);
co-authored presentations – 111;
invited talks at academic institutions – 21;
public hearings on carcinogens, reproductive and developmental toxicants at the state and federal agencies – 1;
invited public presentations – 34;
radio interviews – 9;
TV interviews – 8;
6 chairing sessions at ACS national and regional conferences;
13 trial testimonies (5) and expert depositions (8) on carcinogens, reproductive and development toxicants on behalf of the consumer protection groups;
21 expert declarations (13) and expert reports (8) on carcinogens, reproductive and developmental toxicants on behalf of the consumer protection groups;
3 petitioning state and federal agencies to protect American public from carcinogens and reproductive toxicants;
42 data analysis projects on hormones, heavy metal carcinogenicity, heavy metal developmental and reproductive toxicity, and diverse topics related to the public health;
618 health risk assessments involving the estimation of exposure of the general public to developmental and reproductive toxicants;
44 number of papers & book chapters published with undergraduate students;
66 number of undergraduate students co-authoring papers & book chapters;
24 number of papers & book chapters published with CSUN undergraduate students;
45 number of CSUN undergraduate students co-authoring papers & book chapters.

BOOKS

Gagik Melikyan. *Guilty Until Proven Innocent: Antioxidants, Foods, Supplements and Cosmetics*. Delta, Los Angeles, CA; 2010, 368pp (www.imaginethetruth.com).

Gagik Melikyan. *Socialism: Exposing the Truth. An Eyewitness Account*. 21st Century Books, Los Angeles, California; 2020, 168pp.

SCIENTIFIC CITATION METRICS (as of 04 29 25, per Google Scholar)

1,580	number of citations;
21	h-index;
47	i10-index.

CONSULTING AND EXPERT SERVICES

2006-to-date Provided litigation support to consumer protection groups; served as an expert witness in toxic consumer product torts (cosmetics; foods; electronics; petrochemicals); supported non-profit organizations in the "failure to warn" litigations and the state actions initiated under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65); petitioned government agencies on listed carcinogens and reproductive toxins; provided consulting services to cosmetic industry on cosmetic formulations; rendered consulting services on consumer product liability cases and environmental pollution related to mining practices (United States; Armenia); provided technical guidance on sampling protocols for environmental pollutants; prepared expert declarations and expert reports; provided trial depositions; developed wiping protocol for phthalates; conducted human exposure and health risk analysis; quantified the exposures to listed chemicals from materials in dispute according to NSRL and MADL standards; directed data analysis projects related to toxicity of Prop65 listed chemicals, such as heavy metals (lead, chromium, cadmium, arsenic, mercury), BPA, PFOA, phthalates, estrogens, and androgens; consulted the international research project in materials science directed at the discovery of the synthetic fibers resistant to high-energy projectiles.

PUBLIC OUTREACH: EXPLAINING CHEMISTRY TO THE GENERAL PUBLIC

55,440 number of views of the health-related youtube videos.

PROFESSIONAL EXPERIENCE

1978-1990	Institute of Organic Chemistry, National Academy of Sciences, Yerevan, Armenia: Principal Researcher (1990); Senior Research Fellow (1983-1990); Junior Research Fellow (1978-1983); Research Group Leader (1978-1990);
1990-1992	Alexander von Humboldt Fellow, Institute of Organic Chemistry, University Erlangen-Nurnberg, Erlangen, Germany;
1993-1995	Adjunct Professor of Chemistry, Department of Chemistry&Biochemistry, University of Oklahoma, OK;
1995-1998	Assistant Professor of Chemistry, Department of Chemistry, CSUN, Northridge, CA;
1998-2003	Associate Professor of Chemistry, Department of Chemistry, CSUN, Northridge, CA;
2003-to-date	Professor of Chemistry, Department of Chemistry&Biochemistry, CSUN, Northridge, CA.

NEW REACTIONS DISCOVERED

1984	palladium-induced, one-step transformation of 5-alkyn-4-olids to 4E-alkenoic acids;
1990	oxidative methylene-extrusion reaction converting 2H-pyrans into furan derivatives;
1997	conversion of propargyl alcohols into cyclic and acyclic 1,5-alkadiynes mediated by heteroatom-containing organic molecules;
2003	spontaneous generation and coupling of Co-complexed propargyl systems;
2018	aerobic, solvent-free, solid-state carbon-carbon bond formation *via* cationic and radical intermediates.

NEW CONCEPTS and TERMS INTRODUCED IN CHEMICAL SCIENCE

1995	"reductive decomplexation";
2006	"unorthodox organometallic radical chemistry";
2013	"sequestered" organometallic radicals;
2015	"chiralization by metal complexation";
2015	"caged triple bond";
2020	"background and threshold steric factors;"

2024 "quadruple ionic functionalization reactions."

NEW CONCEPTS and TERMS INTRODUCED IN POLITICAL SCIENCE

2020 Dictatorship of Political Correctness (DPC);
2020 Direct Implementation of Social Engineering (DISE);
2020 Reverse Implementation of Social Engineering (RISE).

AWARDS & HONORS

2002 *Polished Apple Award*, University Ambassadors, CSUN, Northridge, CA;
2008 *Outstanding Faculty Award*, CSUN, Northridge, CA;
2008 *Foreign Member*, National Academy of Sciences, Yerevan, Armenia;
2010 *Jerome Richfield Research Scholar Award*, CSUN, Northridge, CA;
2015 *The Kennedy Center Stephen Sondheim Inspirational Teacher Award*, Washington, D.C.;
2019 *Fellow,* American Association for the Advancement of Science (AAAS), Washington, D.C.; the citation of the AAAS Council: *"For distinguished contributions to the field of organic and organometallic chemistry, particularly for transition metal-mediated radical reactions."*

LITERARY AWARDS

2011 *Finalist* in the "Science" category, The USA "Best Books 2011" Awards competition sponsored by the USA Book News;
2012 *Second Place Award* in the "Science" category, 2012 International Book Awards competition sponsored by JPX Media.

INVITED PRESENTATIONS AT CONFERENCES (from a total of 7)

1999 35th ACS Western Regional Meeting, 1999 Pacific Conference, Ontario CA;
2000 American-German-French Symposium "Carbon-Rich Organometallics", Erlangen, Germany;
2002 National Foundation on Science & Advanced Technologies (NFSAT)-Civilian Research & Development Foundation (CRDF, Washington) 5th Anniversary Conference, Yerevan, Armenia;
2008 International Organometallics Conference 2008, ZING Conferences, Cancun, Mexico;
2009 General Assembly, National Academy of Sciences, Yerevan, Armenia.

CHAIRING SESSIONS AT ACS CONFERENCES

1998 "Organometallic Synthesis," 34th ACS Western Regional Meeting, 1998 Pacific Conference, San-Francisco, CA;
2011 "New Reactions and Methodology," 241st ACS National Meeting, Anaheim, CA;
2012 "Metal-Mediated Reactions and Syntheses," 243st ACS National Meeting, San Diego, CA;
2013 "Metal-Mediated Reactions and Syntheses," 245st ACS National Meeting, New Orleans, GA;
2014 "Asymmetric Reactions and Syntheses," 246st ACS National Meeting, San Francisco, CA;
2015 "New Reactions and Methodology," 250st ACS National Meeting, Boston, MA.

INVITED PRESENTATIONS AT ACADEMIC INSTITUTIONS (from a total of 21)

UC San Diego, CA (1997); CSU Los Angeles, CA (1998); USC, Los Angeles, CA (1999); UC Riverside, CA (1996); University of Oklahoma, Norman, OK (1993); University of Erlangen-Nurnberg, Germany (1992); University of Hamburg, Germany (1991); University of Hannover, Germany (1991); Institute of Organic Chemistry, NAS, Yerevan, Armenia (1991); Department of Natural Sciences, NAS, Yerevan, Armenia (1998, 2009); University of Pierre and Marie Curie, Paris, France (2001); CSU Long Beach, CA (2009); California State University Northridge, Northridge, CA (2014); University of Oklahoma, Norman, OK (2014); California State University Northridge, Northridge, CA (2015); University of Southern California (USC), Los Angeles, CA (2017); Oxnard College, Oxnard, CA (2019); University of California Riverside (UCR), Riverside, CA (2023).

DISTINCTIONS

1970-1973	"Best Student of the Department of Chemistry", Department of Chemistry, Yerevan State University, Yerevan, Armenia;
1987	Research Fellow, Deutscher Akademischer Austauschdienst (DAAD), Germany;
1990	Alexander von Humboldt Fellowship, Alexander von Humboldt Foundation, Germany.

EDUCATION

1973	B.S. in Chemistry, Yerevan State University, Yerevan (*summa cum laude*);
1977	Ph.D. in Organic Chemistry, Institute of Elementorganic Compounds, National Academy of Sciences, Moscow;
1990	D.Sc. (Doctor of Sciences) in Organic/Organometallic Chemistry, Institute of Organic Chemistry, National Academy of Sciences, Yerevan;
1990-1992	Alexander von Humboldt Fellow in Organic/Organometallic Chemistry, Institute of Organic Chemistry, University Erlangen-Nurnberg, Erlangen, Germany.

TEACHING RESPONSIBILITIES

Courses taught at CSUN since 1995 (12WTU/semester):

CHEM103	General Chemistry I;
CHEM235	Introductory Organic Chemistry (for non-Science majors);
CHEM331	Organic Chemistry I (for Chemistry majors);
CHEM332	Organic Chemistry II (for Chemistry majors);
CHEM331L	Organic Chemistry I Laboratory course;
CHEM332L	Organic Chemistry II Laboratory course;
CHEM333	Principles of Organic Chemistry I (for Science majors);
CHEM334	Principles of Organic Chemistry II (for Science majors);
CHEM333D	Principles of Organic Chemistry I Discussion;
CHEM334D	Principles of Organic Chemistry II Discussion;
CHEM333L	Principles of Organic Chemistry I Laboratory course;
CHEM334L	Principles of Organic Chemistry II Laboratory course;
CHEM595F	Organometallic Chemistry (for graduate students).

INDIVIDUAL STUDENT TRAINING & MENTORING

1984-1992	4 graduate students awarded Ph.D. degrees;
1999-2026	13 graduate students awarded *Master of Science* degrees;
1996-2026	graduate (up to 3/semester) and undergraduate (up to 6/semester) students enrolled in CHEM696, CHEM495, and CHEM499 courses (total number of research students – 134, including 125 undergraduate students; total of 736 student-semesters including 560 undergraduate student-semesters);
1997-2026	146 student presentations (including 95 - by undergraduate students) at the departmental, school, university, state and national levels, including the CSUN Student Research Symposia / CSUNposium (1997, 1999-2002, 2004, 2007, 2009-2012, 2014, 2016, 2018, 2020, 2021, 2023-2026), Sigma Xi Student Research Symposia (1996-1998, 2000, 2003, 2006, 2008, 2009, 2013, 2015, 2017), American Chemical Society (ACS) National Meetings (1997, 2001, 2004, 2006, 2008, 2011-2015, 2018-2020, 2022-2024, 2027), ACS Western Regional Meetings (2001, 2006, 2008, 2013, 2022), Southern California Conferences on Undergraduate Research (1996, 1997, 2009, 2011, 2015, 2017, 2026), CSU System-wide Student Research Competition (1998, 2003, 2005, 2008, 2010, 2013, 2021), National Conference on Undergraduate Research (NCUR, 2016), American Association for the Advancement of Science (AAAS) Annual Pacific Division Meetings (2009, 2018); RISE Program Annual Symposium (2002), Edison STEM NET Research Fellowship Award conference (2023); International Forum on Research Excellence (IFORE, 2023).
1996-2026	67 student awards (including 49 by undergraduate students), such as Donald Bianchi Research Awards, Best Presentation, 1st, 2nd and 3rd Place Awards at Sigma Xi Competitions (CSUN, 1996, 1997, 1998, 1999, 2003, 2005, 2006, 2007, 2009, 2013, 2015); First Place Awards at CSUN Student Research Symposia (CSUN, 1996, 1997, 2004, 2005, 2007, 2010, 2013); Second Place Award at CSUN Student Research Symposia (CSUN, 2002; 2006, 2010, 2013, 2014, 2018, 2020); Second Place Award at

CSU Student Research Competition (CSU Chico, 1998); Second Place Award at CSU Student Research Competition (CSU Hayward, 2008), Nathan O. Freedman Memorial Award (CSUN, 2010); Outstanding Junior Award (CSUN, 1998); Hypercube Scholar Award (CSUN, 1999); Organic Chemistry Award (CSUN, 2000, 2012); Outstanding Graduate Student Teaching Award (CSUN, 2005, 2007, 2009); Graduate Fellow Award for Outstanding Research Promise in Science and Mathematics (CSUN, 2009); First Place Award, Award of Excellence, AAAS Pacific (San Francisco, 2010), Outstanding Freshman Chemistry Award (CSUN, 2011); Analytical Chemistry Award (CSUN, 2011); Henry Klostergard Award for Outstanding Graduating Chemistry Major (CSUN, 2012); Outstanding Graduating Senior Award (2014); 2014 Wolfson Award (2014); Outstanding Oral Presentation Award, ACS Southern California Undergraduate Research Conference (SCURC, 2015, 2017); Leslie and Terry Cutler Scholarship Award (2015); 2016 National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellowship (2016); 2018 Dr. Vanessa Bustamante Greek Leadership Scholarship Award (2018); Third Place Award, American Association for the Advancement of Science (AAAS) Annual Meeting, Pacific Division, Pomona, CA (2018); Patricia A. Maloney Student Travel Fund Award (2019); Georgia L Bianchi Heald Outstanding Graduating Senior Award (2022); Edison STEM-NET Student Research Fellowship Award (2023); Robert Nolan Scholarship Award (2023); Learning Aligned Employment Program award (LAEP; 2023, 2024), Lieberman Family Foundation Biology Scholarship for Outstanding Undergraduates (2026); Research Supplies Grant Award, Office of Undergraduate Research, CSUN (2026).

1996-2026 31 student proposals (funded – 26; submitted by undergraduate students – 16, funded - 15), University Corporation, CSUN; Associated Students, CSUN.

CURRICULUM DEVELOPMENT / PROFESSIONAL SERVICES

I. Revised the curriculum of Organic Chemistry laboratory for chemistry majors (CHEM331L/332L) bringing up the level of instruction to that in research laboratory;
II. Introduced high-resolution chromatographic methods and state-of-the-art experiments into Organic Chemistry curriculum;
III. Initiated and ran new seminar series for undergraduate and graduate students "Students' Research Seminar";
IV. Evaluator, Single-subject credential evaluation of science teacher;
V. Acted as a member, and chaired, the Curriculum Committee, College of Science and Mathematics, CSUN;
VI. Coordinated Organic Chemistry laboratory courses (CHEM235/333/ 334);
VII. Acted as a library liaison for Department of Chemistry&Biochemistry;
VIII. Continuously upgraded undergraduate Organic Chemistry lecture courses;
IX. Faculty Hearing Panel, CSUN;
X. Post Promotion Increase (PPI) Committee, Department of Chemistry&Biochemistry, CSUN;
XI. Judge, 12th Annual Sigma Xi Student Research Symposium, CSUN;
XII. Member, Part-time faculty personnel committee, Department of Chemistry and Biochemistry, CSUN;
XIII. Member, Department Chair Search and Screen Committee, Department of Chemistry and Biochemistry, CSUN;
XIV. Member, Post-tenure faculty evaluation committee, Department of Chemistry and Biochemistry, CSUN;
XV. Organic Chemistry Faculty Hiring Committee, Department of Chemistry & Biochemistry, CSUN;
XVI. Safety Committee, Department of Chemistry & Biochemistry, CSUN.

EXTRAMURAL FUNDING

1997 Civilian Research & Development Foundation (CRDF) - $40K;
1997 Collaborative Research Award, Civilian Research and Development Foundation (CRDF);
1998 Hewlett Packard Corporation - $83K;
1998 Judge Julian Beck Foundation;

2001	NATO, Physical and Engineering Science and Technology - $7K;
2002	American Chemical Society, Petroleum Research Fund (ACS PRF) - $50K;
2007	National Science Foundation (NSF), Research at Undergraduate Institutions (RUI) – $240K;
2011	National Science Foundation (NSF), Research at Undergraduate Institutions (RUI) - $240K.

MEDIA COVERAGE and SOCIAL MEDIA PRESENCE

1994	The Norman Transcript, Norman, OK (article titled "Accelerated Course in Organic Chemistry Offered by University of Oklahoma);
1995-2005	SCOPE, College of Science&Math Newsletter (quarterly; multiple publication and presentation reports);
2003	*Chemical and Engineering News*, Science & Technology Concentrate page (Sept 22; p.28) featuring a new reaction discovered at CSUN and published in Organic Letters 2003, 5, 3395;
2004	CSUN Press Release "Cal State Northridge Chemistry Professor on a Quest to Defeat Breast Cancer";
2004	Northridge Magazine (article titled "Cancer Research and Outreach");
2005	New Times (Novoye Vremya) newspaper, Yerevan, Armenia; an interview on the US and Armenian educational systems and reorganization plan of the Armenian National Academy of Sciences;
2005	Northridge Magazine (article titled "Chemistry Professor on a Quest to Defeat Breast Cancer");
1998-2008	@CSUN newspaper (multiple presentation and publication reports);
2006-2008	CSUN web banner "Gagik Melikyan is on a mission to find a breast cancer cure";
2008	The Armenian Reporter, April 2008, No. 58, p.3;
2009	Asbarez daily newspaper, February 2, 2009; "ARPA Board Members Elected as Foreign Members of National Academy of Sciences of Armenia";
2009	@CSUN newspaper, January 20, 2009; "Chemistry Professor Elected to Armenian Science Academy";
2009	California Courier, February 5, 2009;
2009	The Armenian Reporter, February 14, 2009;
2009	The Armenian Observer, February 18, 2009;
2011	North Valley Community News, January 2011;
2011	The Armenian Observer, January 5, 2011;
2011	The California Courier, January 13, 2011;
2011	In Focus, California Writers Club / West Valley, February, 2011;
2011	Daily Sundial, CSUN, Northridge, CA; February 2, 2011;
2011	Community@CSUN, CSUN, Northridge, CA; February 2011 (Vol X, #5);
2011	@CSUN, CSUN, Northridge, CA;
2011	Northridge Magazine, Word's Out, #61, Summer 2011, CSUN, Northridge, CA;
2012	*Valley Scribe*, California Writers Club /San Fernando Valley, February, 2012;
2012	*USA Armenian Life* Magazine, March 23, 2012;
2012	Radio-TV Interview Report (RTIR), March-June 2012;
2012	*Chemical and Engineering News*, June 25, 2012;
2012	*Speaker Showcase*, Bradley Communications, Broomall, PA;
2013	*Discussing the Facts vs. Hypes of Antioxidants, Supplements and Cosmetics, CSUN Today,* Feb 25, 2013;
2013	Northridge Magazine, Spring 2013, CSUN, Northridge, CA;
2013	*Writer's Website of the Month*, The Valley Scribe, California Writers Club / West Valley, CA, February, 2013;
2014	*CSUN SHINE*, Spring 2014, CSUN, Northridge, CA;
2014	*TheRoundUp*, May 2014, Pierce College, Woodland Hills, CA;
2015	*CSUN SHINE*, Spring 2015, CSUN, Northridge, CA;
2015	*The Marquee, News and Views from MTI,* New York, NY;
2015	*Massis Post,* Thousand Oaks, CA;
2015	*SCV News,* Santa Clarita, CA;
2015	*Groong News ANN*, April 6, 2015, Los Angeles, CA;

2015 *Aravot*, April 2015, Yerevan, Armenia (in Armenian);
2015 *Asbarez News,* April 13, 2015, CA (in Armenian);
2015 *USA ARMENIAN LIFE*, April 10, 2015; Glendale, CA;
2015 *ARPA Institute Newsletter,* April 2015, Tarzana, CA;
2015 *Novoye Vremya*, May 2015, Yerevan, Armenia (in Russian);
2015 *Lragyr,* April 2015, Yerevan, Armenia (in Armenian);
2015 *Tert* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *Hetq* media outlet, April 2015, Yerevan, Armenia;
2015 *Armenpress* media outlet, April 2015, Yerevan, Armenia;
2015 *Armenpress* media outlet, April 2015, Yerevan, Armenia (in Russian);
2015 *Armenpress* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *News.am* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *168.am* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *Blognews.am* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *Slaq.am* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *Ankakh.com (Independent),* April 2015, Yerevan, Armenia (in Armenian);
2015 *Hetq* media outlet, April 2015, Yerevan, Armenia (in Armenian);
2015 *Tert* media outlet, April 2015, Yerevan, Armenia (in Russian);
2015 *Digital News World*, April 2015;
2015 *NewHub*, April 2015;
2015 *Nyut.am*, April 2015, Yerevan, Armenia (in Armenian);
2015 *Analitikaua*, May 2015 (in Russian);
2015 *Makarats,* May 2015 (in Russian);
2015 *MaxInfo,* May 2015 (in Armenian);
2015 *Norlur,* May 2015 (in Armenian);
2016 http://www.dormd.net/taking-antioxidant-supplements-may-harm-good/DorMD.net;
2017 http://ru.hayazg.info/Меликян_Гагик_Георгиевич;
2017 http://novostink.ru/diaspora/109043-professor-armyanin-stal-pervym-laureatom-gospremii-uchitel-vdohnoveniya.html;
2017 *Valley Scribe*, California Writers Club /San Fernando Valley Branch, February 2017;
2019 https://www.horizonatv.com/2019/03/27/asbarez-with-gagik-melikyan/;
2019 *Science*, vol. 366, issue 6469, 1086-1089, published on 11 29 2019;
2019 AAAS Fellows Approved by the AAAS Council;
2019 "*Chemistry Professor Named an AAAS Fellow*," http://csunshinetoday.csun.edu/university-news/chemistry-professor-named-an-aaas-fellow/;
2019 *SCVNews.com, SCVTV,* Local Television for Santa Clarita;
2019 *Newsbreak:* https://www.newsbreak.com/news/0NbUNpVL/chemistry-professor-named-an-aaas-fellow;
2020 http://asbarez.com/190924/dr-gagik-melikyan-named-aaas-fellow/;
2020 *Armenian Observer,* Los Angeles, CA;
2020 https://www.picuki.com/profile/armenianacademics.

TV APPEARANCES

2009 *AMGA* channel, Glendale, CA;
2011 *USArmenia* channel, Burbank, CA;
2011 *CBS KCAL9*, Studio City, CA;
2012 *USArmenia* channel, Burbank, CA;
2013 *The Book Beat*, LA TALK LIVE channel, Los Angeles, CA;
2019 *LA36 / CSUN On Point*, Los Angeles, CA;
2019 *Horizon TV*, Los Angeles, CA;
2019 *Two Plus*, ARTN channel, Glendale, CA
https://www.youtube.com/watch?v=vMOI_ftKImU).

RADIO INTERVIEWS

2012 DresserAfterDark, BBS Radio;
2012 KYNT KSWR radio;
2012 KCWR radio;

2012 KERN Bakersfield Good Morning News radio;
2012 WOCM radio;
2012 KCSN-FM radio;
2012 KFNX radio;
2012 IssuesToday radio;
2012 Dr. Joe Radio Show.

PUBLIC APPEARANCES: ***interpreting chemistry for the public, promoting public engagement with science, diverse educational activities*** **(total of 34)**

2002 Invited speaker, U.S. Civilian Research & Development Foundation (CRDF) and Armenian Diaspora meeting, Glendale, CA;
2007 Speaker, Alumni & Friends of Armenian Studies program (AFASP) banquet, CSUN, Northridge, CA;
2008 Speaker, Graduation Ceremony, Armenian Studies Program, CSUN, Northridge, CA;
2008 Speaker, 25th Anniversary Meeting of the Armenian Studies Program, CSUN, Northridge, CA;
2009 Invited speaker, Ferrahian High School, Tarzana, CA;
2009 Invited speaker, High School Junior Honor's Day, CSUN, Northridge, CA;
2010 Invited speaker, ARPA Institute, book presentation, Thousands Oaks, CA;
2011 Invited speaker, Ararat-Eskijian Museum, book presentation, Mission Hills, CA;
2011 Invited speaker, Phi Delta Epsilon, book presentation, CSUN, Northridge, CA;
2011 Invited speaker, Organization of Istanbul Armenians (OIA), Glendale, CA;
2011 Invited speaker, California Writers' Club, San Fernando Valley Chapter, Canoga Park, CA;
2011 Invited speaker, Mission Community Hospital, Panorama City, CA;
2011 Invited speaker, Provost Colloquium, Jeromy Richfield Award presentation, CSUN, Northridge, CA;
2011 Keynote Health Speaker, Filipino American Chamber of Commerce of Orange County (FACCOC), Garden Grove, CA;
2011 Keynote Health Speaker, *Staying Healthy and Insights into "Natural" in Health Foods, Remedies, and Cancer Prevention*. Inland Empire Asian Business Association (IEABA), Riverside, CA;
2011 Invited speaker, *Health is Wealth*. USANA Inc. Regional Center, Signal Hills, CA;
2012 Book Bazaar, California Writers' Club, San Fernando Valley, Woodland Hills, CA;
2012 Invited speaker, Armenian Engineers and Scientists of America (AESA), Glendale, CA;
2013 Panelist, California Writers' Club, San Fernando Valley, Woodland Hills, CA;
2013 Invited speaker, Student Organization for a Holistic Approach to Health and Leadership (SOHHL), Phi Delta Epsilon Fraternity, Chicanos for Community Medicine (CCM) Student Organization, CSUN, Northridge, CA;
2013 Guest speaker, *Women's History Month event*, United States Citizenship and Immigration Services (USCIS) San Fernando Valley Field Office (SFV);
2013 Speaker, 30th Anniversary of the Armenian Studies Program, CSUN, Northridge, CA;
2013 Guest speaker, Kiwanis International, Northridge Chapter, Northridge, CA;
2014 Invited speaker, *Toxicity of Heavy Metals and a Long-Term Impact of Irresponsible Mining on Public Health*, CSUN, Northridge, CA;
2014 Invited speaker, *Antioxidants and Natural Supplements: Unraveling the Truth,* Pierce College, Woodland Hills, CA;
2014 Invited speaker, *American Public's Perpetual Struggle Against Harmful Business Practices*, Public Advocacy Group Renaissance Armenia (via satellite), Yerevan;
2014 Speaker, *Why "Natural" Is Not Synonymous to "Good" and Harmless*," Vroman's Bookstore, Pasadena, CA;
2014 Invited speaker, *Antioxidants, Supplements, and Cosmetics: Perils of Ignoring Science,* Regional High School Science Teachers' Conference, Ferrahian High School, Encino, CA;
2014 Invited speaker, *Teaching Science in the 21st Century: Challenges and Solutions,* Regional High School Science Teachers' Conference, Ferrahian High School, Encino, CA;
2015 Invited speaker, *The Centennial of Armenian Genocide: Did the World Learn the Lesson, or How to Prevent Genocides in the 21st Century?* CSUN, Northridge, CA;

2019 Invited speaker, *Amulsar Gold Mine: What's Next?* Abril Bookstore, Glendale, CA; https://www.youtube.com/watch?v=oXgqiqWKaAQ;

2019 Invited speaker, *Antioxidants, Supplements, and Cosmetics: Perils of Ignoring Science,* Oxnard College, Oxnard, CA;

2022 Keynote speaker, *Armenian Educational Benevolent Union (AEBU) Annual Fundraising Banquet*, Pasadena, CA;

2026 Invited speaker, *Succeeding in Undergraduate Research: Proven Algorithms.* The 9th Annual Getting into Research Conference, Office of Undergraduate Studies, CSUN, Northridge, CA.

REVIEWER / EVALUATOR / PANELIST / CONSULTANT / ADVISOR

Reviewer: National Science Foundation (NSF), American Chemical Society, Petroleum Research Fund (ACS PRF), *Organometallics, J. Am. Chem. Soc.*, *Chem. Rev.*, *Org. Lett.*, *J. Org. Chem., Tetrahedron*, *J. Organometal. Chem.*, *J. Cluster Sci.*, *Canadian J. Chem.*, ARPA Institute, Student Innovation Competition; Grant Committee, State Committee on Science and Technology, Armenia; Fellowship Selection Committee – Chemistry, Foundation for Armenian Science and Technology (FAST); *The Armenian History and Culture Scholarship Fund*, College of Humanities, CSUN, Northridge, CA; Project Proposal Selection Committee, *Nation of Innovation & Education* category, 2021 AIO Conference, Los Angeles, CA.

Panelist: National Science Foundation (NSF), Washington, D.C.;
Going Beyond the Traditional Publishing: Modern Trends, California Writers' Club, San Fernando Valley, CA;
Amulsar Gold Mine: An Environmental Impact, Los Angeles Community Gathering, Glendale, CA;
Conducting University Research During COVID Pandemic, California State University Northridge, Northridge, CA.

Expert/Consultant: Consumer Advocacy Group, Beverly Hills, CA; KJT Law Group, Glendale, CA; Renaissance Armenia Los Angeles, Los Angeles, CA; Thomson Reuters Expert Witness Services; Round Table Group, Washington, D.C.; National Academy of Sciences (NAS), Yerevan, Armenia; Foundation for Armenian Science and Technology (FAST), Yerevan, Armenia; Center for Community Mobilization and Support (CCMS), Alaverdi, Lori, Armenia; Scientific Technological Center of Organic and Pharmaceutical Chemistry, National Academy of Sciences, Yerevan, Armenia; ACS' Speaker Directory, Washington, D.C.

National Registries:
American Men and Women of Science;
America's Registry of Outstanding Professionals 2005-2006;
Who's Who in Sciences Higher Education (WWSHE, 2006);
Marquis Who is Who in America (2019).

Scientific Advisory Board: Center for Responsible Mining's Independent Monitoring Technical Advisory Board (IMTAB), American University of Armenia (AUA), Yerevan, Armenia; ARPA Institute, Tarzana, CA; General Counsel, Armenian Engineers and Scientists of America (AESA).

Thesis committee: Department of Chemistry and Biochemistry, CSUN;
Department of Family and Consumer Sciences, CSUN.

Judge: American Association for the Advancement of Science (AAAS) Annual Meeting, Pacific Division, Pomona, CA (2018); Science Olympiad, Armenian Private/Charter Schools, Los Angeles, CA; CSUN Student Research Symposia, CSUN, Northridge, CA; Sigma Xi Student Research Competition, CSUN, Northridge, CA.

Mentor: Learning Aligned Employment Program (LAEP);
Directed Undergraduate Research (CHEM495), Department of Chemistry and Biochemistry, CSUN, Northridge, CA;
Directed Graduate Research (CHEM696), Department of Chemistry and

Biochemistry, CSUN, Northridge, CA;
Independent Studies, Graduate/Undergraduate students (CHEM499), Department of Chemistry and Biochemistry, CSUN, Northridge, CA.

AFFILIATIONS

American Chemical Society;
American Chemical Society, Organic Division;
American Association for the Advancement of Science (AAAS);
ACS Consulting Network;
California Faculty Association (CFA);
American Association of University Professors (AAUP);
California Teachers Association (CTA);
National Education Association (NEA);
California Writers' Club - San Fernando Valley & West Hills Chapters;
Independent Writers of Southern California (IWOSC);
Institute for Community Health and Wellbeing (CSUN);
Book Publicists of Southern California (BPSC);
Union of Concerned Scientists (UCS);
Public Citizen Foundation;
Council on Undergraduate Research (CUR);
National Association of Science Writers (NASW);
Armenian Engineers and Scientists of America (AESA);
Greater Los Angeles Writers Society (GLAWS);
National Association of Scholars (NAS).