

CURRICULUM VITAE
of Professor Dr. Trajče Stafilev

Institute of Chemistry, Faculty of Science, Sts. Cyril and Methodius University
P.O. Box 162, 1000 Skopje, Macedonia
Tel: ++389(0)2 3249 906; Fax: ++389 (0)2 3226 865; Mobile: ++389 (0)70 350 756
e-mail: trajcest@pmf.ukim.mk
<http://www.pmf.ukim.edu.mk/PMF/Chemistry/members/stafit.htm>

Date of Birth: October 20, 1949

Place of Birth: Čemersko-Kavadarci, Macedonia

Education

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| 1985 | Doctor of Science in Chemistry (Ph.D.): Sts. Cyril and Methodius University, Faculty of Science, Department of Chemistry, 1985 |
| 1977 | M.Sc. in Chemistry, Sts. Cyril and Methodius University, Faculty of Chemistry, 1977 |
| 1972 | B.Sc. in Chemistry, University Sts. Cyril and Methodius University, Faculty of Science, Department of Chemistry |

Employment

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| 1997 – | Full Professor, Faculty of Science, Department of Chemistry, Skopje |
| 1993 – 1997 | Assoc. Professor, Faculty of Science, Department of Chemistry, Skopje |
| 1988 – 1993 | Assist. Professor, Faculty of Science, Department of Chemistry, Skopje |
| 1985 – 1988 | Researcher, Institute of Mining and Metallurgy, Skopje |
| 1978 - 1985 | Laboratory manager, Ferronickel Co., Kavadarci |
| 1974 - 1978 | Assistant in Analytical Chemistry, Faculty of Science, Department of Chemistry, Skopje |

Teaching

1. Environmental Chemistry
2. Toxicological Chemistry
3. Industrial Chemistry
4. Spectroscopic and Radiochemical Analytical Methods

Research topics

- developing of analytical methods (especially in atomic spectrometry) for trace metals analysis in biological and plant material, waters, food, soil, etc.;
- environmental pollution and monitoring (air, food, water, soil, solid waste);
- chromatographic methods for drug and medical plants investigation;
- industrial chemistry;
- infrared study of organic compounds and minerals.

Publications

- Books and monographs: 25
- 340 published scientific papers (210 in international journals; 136 in Science Citation Index journals)
- 450 presentations on scientific meetings
- 1333 SCI citations

Patents: 7

Applied Studies and Reports: 56

Supervisor

- 18 Ph.D.
- 36 M.Sc.
- 115 Diploma Research Works

Participation in research projects: 82

- International: 41 (11 as principal investigator)
- National: 41 (12 as principal investigator)

Membership:

- Full member of the *Balkan Academy for Environmental Sciences* (2004-)
- Editor-in-Chief of *Bulletin of the Chemists and Technologists of Macedonia* (2001-2005)
- Editorial Board of *Bulletin of the Chemists and Technologists of Macedonia* (1990-2005)
- Editorial Board of *International Journal of Molecular Sciences* (2000-2002)
- Editorial Board of *International Journal of Pure and Applied Chemistry* (2005-)
- Editorial Board of *The Open Paleontology Journal* (2008-)
- Editorial Board of *Global Journal of Environmental Science and Technology* (2010-)
- Editorial Board of *International Journal of Environmental Protection* (2011-)
- Editorial Board of *Macedonian Journal of Ecology and Environment* (2011-)
- Advisory Board of *Macedonian Journal of Chemistry and Chemical Engineering* (2005-)
- *Coordination Group Under the Global Monitoring Plan for POPs*, United Nations Environment Programme (2007-).
- Union of Chemists and Technologists of Macedonia
- Balkan Environmental Association
- Macedonian Environmental Society

Invited Lectures: 37

National and international scientific meetings in 16 countries: Austria, Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Egypt, Greece, Hungary, Kosovo, Macedonia, Poland, Turkey, Serbia, Slovakia, Slovenia, Ukraine.

Visits abroad:

Applied Research Laboratories, Lozanne, Switzerland, 1982.
Institute of Nonferrous Metals, Freiburg, Germany, 1990.
Max-Plank Institute of Nuclear Physics, Heidelberg, Germany, 1991 and 1994.
Japan Environment Assessment Center, Tokyo, Japan, 1998.
Uludag University, Faculty of Science, Department of Chemistry, Bursa, Turkey, 1999.

Awards

1. 1988, **Gold diploma** on 16. *Yugoslav Exhibition of Inventions, Technical Promotions and Innovations*, RASTYU 88, Rijeka, for the invention: Probes for sampling from liquid metal.
2. 1991, **Gold diploma**, on 2. MAKINOVA 91 and *XII Exhibition of Technical Innovations*, Skopje, for the innovation: Inhibitor TTKM-1 for pickling of steel sheets in hydrochloric acid.
3. 2003, **Patent of the 2003** in the Republic of Macedonia (Ministry of Economy of Macedonia) for the patent: Polymeric inhibitor for pickling of steel sheets (*Patent MKP C23G 1/04*).
4. 2003, **Gold medal** on 52nd *World Exhibition of Innovation Research and New Technology*, Brussels, for the innovation: Polymeric inhibitor for pickling of steel sheets.
5. 2009, **The state award "Goce Delčev"** for best scientific achievements in 2009 in the Republic of Macedonia.
6. 2009, **Plaquette** - acknowledgement for the contribution in the affirmation of the Sts. Cyril and Methodius University – Skopje.