Ilya Zaslavsky

Education

1991-1995   University of Washington, **Ph.D.** in geography
       Dissertation: *Logical inference about categorical coverages in multi-layer GIS*

1987-90   Institute of Geography, USSR Academy of Sciences (Moscow, Russia),
    Ph.D. equivalent (Candidate of Geographic Sciences)
       Dissertation: *Multivariate Forecasting of Metropolitan Areas' Development*

1980-85   Moscow State University (Moscow, Russia), **M.A.** in geography (with Distinction)
       Thesis: *Dynamic Modeling of a Metropolitan Area: Case Study of*
          Komsomolsk-on-Amur Urban Agglomeration

Teaching

(University of California San Diego, Urban Studies and Planning)

Course	Title	terms
USP186/187	Research Methods and Practice (co-teaching with K. Pezzoli)	Fall'2000/Winter'01
	➔http://www.regionalworkbench.org/partners/kp_courses/usp186/USP186_Fall2000Syllabus.htm	

(San Diego State University, College of Engineering)

Course	Title	terms
CEE 498/799	Civil Engineering Applications of Spatial Information Science (2 credits)	Fall'98
	➔http://www.edcenter.sdsu.edu/staff/ilya/enggis/index.htm	

(Western Michigan University, Department of Geography)

Course	Title	terms
Geog 670	Seminar in Urban Geography and Planning (3 credits)	Fall'95
Geog 569*	Geographic Information Systems (4 credits)	Fall'95-97/Winter'96-98
	➔http://www.edcenter.sdsu.edu/staff/ilya/wmu/569	
Geog 567*	Computerized Geodata Handling and Mapping (4 credits)	Winter'96-98/Fall'96-97
	➔http://www.edcenter.sdsu.edu/staff/ilya/wmu/567	
Geog 384	The Post-Soviet States (3 credits)	Spring'96,97
	➔http://www.edcenter.sdsu.edu/staff/ilya/wmu/384/384main.html	
Michigan GIS Institute		Summer'97, Winter'98

➔http://www.wmich.edu/geography/GISinstitute

(University of Washington, Department of Geography)

Course	Title	terms
	- courses with full responsibility	
Geog 360	Principles of Cartography (5 credits)	Spring/Summer'94
Geog 460	Geographic Information Systems Analysis (5 credits) Fall'93	
Geog 333	Russia's Changing Landscape (5 credits)	Fall'92/Winter'94
	- teaching assistant	
Geog 460	Geographic Information Systems Analysis, 2 lab sections. (Instructor - Professor Chrisman)	Fall'94
Geog 360	Principles of Cartography, 2 lab sections. (Instructor - Professor Chrisman)	Spring'93

(in Russia)

1986-87	Seminar *"Computer Applications in Urban Planning, and Mathematical Modeling of Urban Systems",* State Institute of Town Planning (organized and guided)	

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* During Fall'97 and Winter'98, the Geog 567 and 569 classes were taught from San Diego over the Internet, this experiment is described at http://www.microsoft.com/education/planning/studies/sandiegosu.asp

Student Evaluations of Teaching

Course	Title	terms	evaluation[*]
Geog 670	Seminar in Urban Geography and Planning	Fall'95	1.53
Geog 569	Geographic Information Systems	Fall'95	1.29
Geog 569	Geographic Information Systems	Winter'96	1.42
Geog 569	Geographic Information Systems	Fall'96	1.81
Geog 569	Geographic Information Systems	Winter'97	1.18
Geog 567	Geodata Handling and Mapping	Winter'96	1.89
Geog 567	Geodata Handling and Mapping	Fall'96	1.51
Geog 567	Geodata Handling and Mapping	Winter'97	1.93
Geog 384	Geography of Post-Soviet States	Spring'96	1.71

(*) Average student evaluations of teaching, on a 1 (excellent) to 5 (poor) scale.

Research Interests

- Geographic Information Systems, specifically: spatial analysis and syllogistics in GIS, business and urban applications of GIS; interactive cartography over the Internet; mediation of spatial information and optimization of spatial queries, XML-based vector graphics

- Methods and software for processing survey data, including on-line analytical systems
- Evolution of metropolitan areas, and dynamic modeling of urban systems
- Synchronous distance learning and web-based collaboration

Positions and Duties

2/2000-present San Diego Supercomputer Center, UCSD
  Temporary staff: Senior Programmer/Analyst(Enabling Technologies)
  Assistant Research Scientist (pending)
- Research in XML-based spatial and survey data mediation

1997-2/2000 San Diego State University
  GIS Staff Scientist (Education Center on Computational Science and Engineering)
  Adjunct Professor (Department of Mathematical and Computer Sciences)
- Research and faculty training in high performance computational tools for sciences and engineering; lead developer of "Sociology Workbench"

1995-98 Western Michigan University, Department of Geography, Kalamazoo, Michigan
  Assistant Professor
- Research and teaching in geographic information systems and spatial analysis

1995-96
(also
Summer'93) Schlosser Geographic Systems, Seattle, Washington
  GIS Programmer / Systems Analyst
- Design and programming for various business applications of GIS (in MapBasic, MapCode, Clipper, FoxPro, Fortran, C, and Visual Basic)

1991-1994 University of Washington, Department of Geography
  Teaching Associate, **Research Assistant**

Summer'92 University of Washington, Facilities Management Office
  Systems Analyst / Programmer II
- Developed a "Reserve Budgets" module in the University Capital Projects Accounting System under NOVELL (language - CLIPPER 5.1)

1987-91 Institute of Geography, USSR Academy of Sciences, Moscow, Russia
  Research Scientist
- Studies of metropolitan evolution; development of cartographic databases; computer mapping research

1987-91 Research Center "ROST" ("Growth"), Small Enterprise "Context", Moscow, Russia
  Consulting, Software Engineering

- Methods and software for processing sociological and other qualitative data

1985-87   State Institute for Urban Planning, Moscow, Russia
               Head of Software Design Group, Associate Economist, Assistant Economist
- Economic and population chapters in various urban planning projects;
development of software for regional planning; PDP system management

1983-85   All-Union Research Institute for Systems Studies, Moscow, Russia
               Junior Researcher in the Department of Regional Economic Policy

Publications

I. Zaslavsky, 2000. "A New Technology for Interactive Online Mapping with Vector Markup and XML". Cartographic Perspectives, # 37 (Fall 2000), pp. 12-24 (in press).

A. Gupta, I. Zaslavsky, R. Marciano, 2000. "Generating Query Evaluation Plans within a Spatial Mediation Framework". Proceedings of the 9th International Symposium on Spatial Data Handling, Beijing, China, August 2000, pp. 8a18-8a31.

M. E. Martone, A. Gupta, B. Ludäscher, I. Zaslavsky, M. Ellisman. 2000. From Molecules to Brains: Navigation through Multiresolution Data Using Knowledge-Based Mediation. Web Accessible Databases And Analytical Tools for Neuroscience Research, New Orleans, November 2000 (online at http://www.nimh.nih.gov/neuroinformatics/maryannabs.cfm)

M.H. Goldbaum, A. Gupta, V. Kouznetsova, I. Zaslavsky, D.J. Nazafi, 2000. "General Medical Image Description Grammar", poster, American Association of Ophthalmologists.

I. Zaslavsky, A. Gupta, R. Marciano, C. Baru, 2000. "XML-based Spatial Data Mediation Infrastructure for Global Interoperability". Proceedings of the 4th Global Spatial Data Infrastructure Conference, March 2000. A revised version is forthcoming in Proceedings of the 6th EC GI&GIS Workshop, Lyon, France, June 2000 (Available from http://www.gsdi.org/capetown/program.htm, http://www.ec-gis.org/Workshops/6ec-gis/papers.html)

A. Gupta, R. Marciano, I. Zaslavsky, C. Baru,, 1999. "Integrating GIS and Imagery through XML-Based Information Mediation". In P. Agouris and A. Stefanidis (Eds.) *Integrated Spatial Databases: Digital Images and GIS*, Lecture Notes in Computer Science, Vol. 1737, pp. 211-234. (a preliminary version, presented at NSF International Workshop on Integrated Spatial Databases in June'99, is available from http://www.npaci.edu/DICE/Pubs/)

Stewart, Kris, and Zaslavsky, Ilya, 2000. "High-Performance Computing Technologies, and Pre-Service Teacher Preparation: Is There an Overlap? (Post-Evaluation Thoughts)" – Proceedings of the SITE2000 Conference, pp. 1875-1880, Feb. 2000 (online at http://www.edcenter.sdsu.edu/site2000/site2000.htm)

Stewart, Kris, Giles, Roscoe, and Zaslavsky, Ilya, 1999. "Super-Partnerships: Computational Science Curricula, High Performance Computing and the Professional Organizations". *Proceedings of EduCause'99*, Long Beach, CA, October 26-29. (online at http://www.educause.edu/ir/library/html/edu9928/edu9928.html)

Stewart, Kris, and Zaslavsky, Ilya, 1998. "Building the Infrastructure for High Performance Computing in Undergraduate Curricula: Ten Grand Challenges and the Response of the NPACI Education Center". *Proceedings of SC'98: High Performance Networking and Computing* (Orlando, FL, November 7-13).

Emigh, David, and Zaslavsky, Ilya, 1998. "Scientific Visualization in the Classroom". *Proceedings of SC'98: High Performance Networking and Computing* (Orlando, FL, November 7-13).

Zaslavsky, Ilya, and Stewart, Kris. 1998. "Lecturing over the Web: Traditional Tools in the New Environment. Electronic *Journal for Learning Enhancement, Vol.2* (http://www-rohan.sdsu.edu/dept/jle/).

Zaslavsky, Ilya, and Baker, Kathleen. 1998. "The Experimental Web-based Interactive Environment in Distance Teaching of GIS and Geographic Data Handling" *Proceedings of the 1998 ACSM Annual Convention and Exhibition* (Baltimore, MD, March 1-5), Vol. 2, pp. 437-446.

Zaslavsky, Ilya, and Naimark, Naum. 1999. "Development of the Urban Planning Cadastre in Russia". In J. Stillwell, S. Geertman, S. Openshaw (Eds.) *Geographical Information and Planning,* Springer-Verlag; pp. 154-169.

Zaslavsky, Ilya. 1997. "GIS in American Universities", *GIS Obozrenie* (GIS Review), #3, pp. 10-13.

Zaslavsky, Ilya. 1997. "Reasoning-Based Strategies for Processing Complex Spatial Queries" *Proceedings of the 1997 ACSM/ASPRS Annual Convention and Exposition* (Seattle, WA, April 7-10), Vol. 5 (Auto-Carto 13), pp. 106-115.

Zaslavsky, Ilya, and Naimark, Naum. 1997. "The Concept and Implementation of the Urban Planning Cadastre in Russia" *Proceedings of the Third Joint European Conference & Exhibition on Geographical Information* (Vienna, Austria), Vol. 2, pp. 899-908.

Zaslavsky, Ilya. 1995. "Analysis of Association between Categorical Maps in Multi-Layer GIS". *Proceedings of GIS/LIS'95* (Nashville, TN, November 14-16, 1995), Vol. 2, pp. 1066-1074.

Zaslavsky, Ilya. 1993. "Approximate Reasoning on Categorical Coverages without Polygon Overlay". *Proceedings of the ACM Workshop on Advances in Geographic Information Systems*, CIKM'93, November 5, 1993. Arlington, VA, pp. 67-71.

Zaslavsky, Ilya, and Craig ZumBrunnen. 1992. "Soviet Urban Geography Since the Time of Perestroyka". Epilogue to *Urban Geography in the Soviet Union and the United States*. Lahman, MA: Rowman & Littlefield Publishers, Inc., pp. 203-211.

Zaslavsky, Ilya. 1991. "Spatial Differences in Social-Cultural Orientations: Case Study of Moscow, USSR". *Revue Belge de Geographie*, Colloque "Geographie et Mutations Politiques en Europe de l'Est", Fascicule 49, pp. 293-296.

Zaslavsky, Ilya. 1991. "Evolution de las Areas Metropolitanas en la Union Sovietica: Una Approximacion Conceptual". *Estudios Geograficos*, Tomo LII, No.204, julio-septiembre, pp. 557-574 (in Spanish).

Zaslavsky, I. N. 1991. "Evolution of Metropolitan Areas: Conceptual Approach". In *Spatial Development of Urbanization: General Tendencies and Regional Patterns*. Moscow: USSR Geographic Society, pp. 26-39 (in Russian).

Zaslavsky I. N., and N. I. Naimark, P. M. Polyan. 1990. "Methods for Delimiting Metropolitan Areas on the Scale of the USSR" In *Regional Problems of Economic Management (International Experience)* - Moscow, Institute of Geography, pp. 85-97 (in Russian).

Zaslavsky, I. N. 1989. "Alternatives of Metropolitan Area Development". In *World Urbanization: Geographical Problems.* Moscow: USSR Geographic Society, pp. 65-75 (in Russian).

Zaslavsky, I. N. 1989. "Study of Evolution and Forecasting of a Metropolitan Area Development by Means of Simulation Modeling". In *Evolution of Settlement Patterns in the USSR*. Moscow: Institute of Geography, pp. 169-181 (in Russian).

Naimark, N. I., and I. N. Zaslavsky. 1988. "Dynamic Typology of Metropolitan Areas of the USSR". In *Problems of Studying Metropolitan Areas*. Moscow: Institute of Geography, pp. 73-85 (in Russian).

Zaslavsky, I. N., and N. I. Naimark, P. M. Polyan. 1988. "Problems of Delimitation of Metropolitan Areas: Comparison and Synthesis of Leading Methods". In *Problems of Studying Metropolitan Areas*. Moscow: Institute of Geography, pp. 26-42 (in Russian).

Zaslavsky, I. N. 1987. "Dynamic Modeling of Metropolitan Area Development for the Purposes of Planning and Management". In *Methods of Studying Settlement Patterns*. Moscow: Institute of Geography, pp. 205-217 (in Russian).

Zaslavsky, I. N. 1984. "A Method for Assessing Spatial Differentiation in the Interests of Population (based on subscription to periodicals data)". In *Methods of Studying Complex Systems.* Moscow: All-Union Research Institute for Systems Studies, pp. 131-136 (in Russian).

Newspaper Articles

Glezer, O., and I. Zaslavsky, V. Kolosov, N. Petrov, L. Smirnyagin, A. Treyvish. 1991. "The Referendum in Russia and Russia on the Referendum". In *The Russia's Newspaper* (Daily of the Supreme Council of Russia), # 59(105). pp. 1-3 (in Russian).

Petrov, N., and A. Treyvish, I. Zaslavsky. 1991. "Russia Diverse: Geography of Presidential Elections on June 12, 1991". In *The Independent Newspaper*. Collections, # 7. pp. 8-9 (in Russian).

Grants and Awards

November 2000	"Building a Technology-Enabled Network for Partnership-Driven Research and University-Community Collaboration", UCSD Civic Collaborative Grant (Co-PI, $5,000)
November 2000	"The "Colonia 10 de Mayo" Project: Creating a Collaborative Plan for Community Redevelopment and Transnational Investment in Urban Infrastructure at the San Diego – Tijuana Border", UCSD Civic Collaborative Grant (Co-PI, $3,495)
July 2000	"The Great Silk Road Project: Protocols for World Cultural Heritage Preservation During Multinational Pipeline Construction", from UC Office of the President (Co-PI, $50,000).
June 2000	"Building a Web-based "Regional Workbench" for Undergraduate Research, Learning and Workforce Development", UCSD Instructional Improvement Grant (Co-PI, $10,000)
November 1997	WMU Merit Pay, WMU ($500).

November 1996	Dean's Appreciation Award, WMU ($1000).
October 1996	"Geographic Information Systems in Changing Russian Urban Planning", WMU FRACASF ($5,000).
July 1996	"Interdisciplinary Earth Systems Modeling in Undergraduate Geography Curriculum", NSF ILI grant (NSF contribution $48,500).
November 1995	Donation from Environmental Systems Research Institute (ESRI) - a site license for PC ARC/INFO for teaching Geographic Information Systems and Computer Cartography at WMU.
March 1995	"Best student paper" award from the GIS Specialty Group of the Association of American Geographers, for paper *"Measuring Association between Categorical Maps in GIS: A Non-Statistical Alternative"* presented at the National AAG Meeting, Chicago ($450).
September 1991	Jackson School of International Studies Graduate Fellowship, University of Washington ($3,000).
June 1983	"Second place award" from the All-Union Research Institute for Systems Studies, Moscow, USSR, for paper *"Spatial Differentiation of Interests of Population (Based on Subscription to Periodicals)* presented at the Annual Research Conference of Young Scholars.

Selected Conference Papers and Presentations

November 2000	*"Model-Based Integration of Heterogeneous Neuroscience Data Sources"* (A. Gupta, B. Ludäscher, M. E. Martone, I. Zaslavsky), eSCape Research Gem, Supercomputing Conference (SC2000) (online at http://www.npaci.edu/DICE/Neuro/SC2000).
October 2000	*"Accuracy Mediation within a Spatial Wrapper-Mediator System"*, at the First International Conference on Geographic Information Science, Savannah, GA (with B. Ludaescher, R. Marciano, A.Gupta) (abstract at http://www.giscience.org/GIScience2000/papers/217-Zaslavsky.pdf)
October 2000	*"Client-Side 2D Vector Rendering and XML in Web Interactive Mapping"*, forthcoming at the Maps and the Internet Symposium 2000, Knoxville, TN
June 2000	*"XML-based Spatial Data Mediation Infrastructure for Global Interoperability"*, at the 6th EC GI&GIS workshop, Lyon France (by invitation).
June 2000	*"Information Integration in the Binational Context"*, at the NIEHS Binational Conference on Environmental Research and Policy, San Diego, CA. (see http://www.npaci.edu/DICE/Pubs)
May 2000	"Interactive Neighborhood Maps on a Community Web Portal: The Quality of Life in San Diego Project, and the AXIOMAP Technology". Workshop presented at DIAC 2000.

Shaping the Network Society: The Future of the Public Sphere in Cyberspace. Computer Professionals for Social Responsibility Conference Proceedings, May 20-23, Seattle, WA. Pp. 24-25. (with D. Cleveland and R. Marciano) (http://www.scn.org/cpsr/diac-00/)

March 2000	*"XML-based Spatial Data Mediation Infrastructure for Global Interoperability"*, at the 4th Global Spatial Data Infrastructure Conference, Cape Town, South Africa.
January 2000	*"Integration and On-Line Analysis of Survey and Geospatial Data: Demo of Sociology Workbench and Client Side Interactive Mapping"*, at Bureau of Transportation Statistics, Washington DC.
December 1999	*"Integration and On-Line Analysis of Survey and Geospatial Data"*, at FedStats meeting, Bureau of Labor Statistics, Washington DC.
October 1999	*"Two Researcher Interfaces: Migrating to Distributed and Ad Hoc Data Sources"*, at the NSF Federal Consortium meeting, Washington DC.
October 1999	*"Super-Partnerships: Computational Science Curricula, High Performance Computing and the Professional Organizations"*. Educause'99 panel, Long Beach, CA (with K. Stewart and R. Giles)
January 1999	Chair of the *Learning Technologies* group session, NPACI All-Hands meeting, San Diego Supercomputer Center, San Diego, CA (http://www.npaci.edu/all-hands/abstracts/learn_tech.html)
January 1999	*"Synchronous Distance Teaching on a Low Budget: Ed Center's Experiences and Student Assessment"*, at the NSF Federal Consortium meeting, San Diego, CA
December 1998	*"High-Performance Computing in Undergraduate Education: Computers Are Not Enough",* at CAUSE'98 "The Networked Academy", Seattle, WA (with K. Stewart).
December 1998	*"Lecturing over the Web: Pedagogical and Technical Challenges",* at CAUSE'98 "The Networked Academy", Seattle, WA (with K. Baker and K. Stewart).
November 1998	*"Building the Infrastructure for High Performance Computing in Undergraduate Curricula: Ten Grand Challenges and the Response of the NPACI Education Center",* at the SC'98: High Performance Networking and Computing, Orlando, FL (with K. Stewart).
November 1998	*"Scientific Visualization in the Classroom",* at the SC'98: High Performance Networking and Computing, Orlando, FL (with D. Emigh).
March 1998	*"The Experimental Web-based Interactive Environment in Distance Teaching of GIS and Geographic Data Handling",* at the 1998 ACSM Annual Conference and Exhibition, Baltimore (with K. Baker).
October 1997	*"Web-based Interactive Environment in Distance Teaching of Technology-Intensive Geography Courses",* at the Annual Meeting of the East Lakes Division of the AAG, East Lansing, MI. (with K. Baker and E. Quandt)

August 1997	"Orientation and Mobility in Urban Environments with Virtual Maps and Global Positioning Systems", Workshop 0446 at ICEVI 10th World Conference, Sao Paulo, Brazil (with W. Wiener)
April 1997	*"The Concept and Implementation of the Urban Planning Cadastre in Russia"* at the Joint European Conference and Exhibition on Geographical Information, Vienna, Austria.
April 1997	*"Reasoning-Based Strategies for Processing Complex Spatial Queries"* at the 13th International Conference on Computer Assisted Cartography (AUTO CARTO 13), Seattle, WA.
April 1997	*"Determinacy Approach to Optimization of Complex Spatial Queries"* at the Annual AAG Meeting, Dallas - Fort Worth, TX.
October 1996	*"Computer Simulation of Metropolitan Evolution"* - at the Annual Meeting, East Lakes/West Lakes Divisions of the AAG, Valparaiso, IN.
April 1996	*"Quantitative Reasoning in Layer-Based GIS: A Comparison of Approaches"* at the Annual AAG Meeting, Charlotte. Chair of session 5125 "GIS and Hazards".
November 1995	*"Analysis of Association between Categorical Maps in Multi-Layer GIS"* at GIS/LIS'95, Nashville, TN, November 14-16, 1995
October 1995	*"Metropolitan Evolution in the Former USSR: A Conceptual Approach"* - at the Annual Meeting, East Lakes Division of the AAG, Toledo, OH
March 1995	*"Measuring Association between Categorical Maps in GIS: A Non-Statistical Alternative"* at the Annual AAG Meeting, Chicago
April 1994	*"Statistical Inference on Categorical Coverages Without Polygon Overlay"* at the Annual AAG Meeting, San-Francisco
November 1993	*"Social Stratification, Institutional Culture, and Patterns of GIS Use: A Comparison of Two Societies"* at the NCGIA Workshop "Geographic Information and Society", Friday Harbor, WA
November 1993	*"Approximate Reasoning on Categorical Coverages without Polygon Overlay"* at the ACM Workshop on Advances in Geographic Information Systems, International Conference on Information and Knowledge Management (CIKM'93), November 5, 1993, Arlington, VA.
June 1993	*"The System of Urban Management and Planning in Russia"* at the meeting of the Association of Professional Geographers of Puget Sound, Seattle
April 1991	*"Urban Research in the Soviet Union"* at the meeting of the Working Group on Urban Problems of the European Capital Cities Universities Network (UNICA), Amsterdam, Netherlands

May 1990	"*Settlement System for the 'Poor', or Urban Evolution in the USSR*" at the Soviet Geographic Society, Moscow, USSR
October 1989	"*The Evolution of Metropolitan Areas in the USSR*" at VII Soviet-Polish Symposium on Urban Geography, Karpach - Vroclav, Poland
January 1989	"*Simulation Modeling and Forecasting of Metropolitan Areas*" at the Seminar on "Evolution and Functioning of Settlement Systems in the USSR", Pushchino, Russia
June 1983	"*Spatial Differentiation of Interests of Population (Based on Subscription to Periodicals)*" at the Research Conference of the All-Union Research Institute for Systems Studies, Moscow, USSR

Community and other Invited Presentations

March 2000	*"On-Line Analysis of Geospatial Data"*, at Texas Tech University, Environmental Toxicology Program, Lubbock, TX.
February 2000	*"Integration of Geospatil Sources and Interactive Web Mapping"*, at the URISA San Diego Section meeting, San Diego Supercomputer Center, San Diego, CA.
June 1999	"Sociology Workbench", at the Regional Information Group meeting, SanDAG, San Diego, CA.
July 1998	"*Enhancing Undergraduate Curricula with High Performance Computing Tools and Technologies. A Summary with Special Focus on Social Sciences Applications*" – at the Blalock Lecture Series on Advanced Topics in Social Research, ICPSR Summer Program, University of Michigan, Ann Arbor - July 7th, 1998
June 1997	*"GIS in Economic Development"* – at the Michigan Economic Development Conference, Grand Rapids – June 26th, 1997
June 1997	*"Global Issues and Events"* - to WMU Economic and Geography Institute for high school teachers – June 20th, 1997.
May 1997	*"GIS: biological and environmental applications"* - to biology seminar at Kalamazoo College (invited lecture) - May 8th, 1997.
November 1996	*"GIS: methodological issues"* - to History 600 graduate seminar (invited lecture) - November 6th, 1996.
September 1996	*"Ethnic wars and migrations in Russia"* - at Kalamazoo Seniors Center (September 9th, 1996)
April 1996	*"Ethnicity and migrations in the former USSR"* - at high school geography teachers workshop, Kalamazoo School District (April 3rd, 1996)

Membership in Professional Organizations

1992 - 1997   Association of American Geographers (AAG)
1990-1991   European Capital Cities Universities Network (UNICA), the Working Group on
                     Urban Problems

Supervision of Graduate and Undergraduate Students

Primary advisor:

    Lotta Jarnefelt-Burns (WMU Geography Master's program, completed in Summer'97) (*)
    John Burt (WMU Geography Master's program, completed in Fall'96)
    Fahad Alhassan (WMU Geography Master's program, completed in Winter'97))
    Debra Alfonso (WMU Geography Master's program, completed in Fall'97) (**)
    Brad Morgan (WMU Honor's program, completed in Spring'96) (***)

Reader:

    William Montgomery (WMU Geology Ph.D. program, completed in Spring'98)
    Theodore Krumbach (WMU Geography Master's program, completed in Fall'96)
    Sonya Wardley (WMU Geography Master's program, completed in Fall'97)
    Kathleen Baker (WMU Geography Master's program, completed in Summer'98)

(*) named Outstanding Departmental Scholar in 1997
(**) named 1997 Outstanding Departmental Scholar, 1997 All-University Graduate Research and Creative Scholar (one out of six in WMU), received two research grants under my direction, won 2nd place award in national student paper competition (AAG Historical Geography SG, 1998)
(***) named WMU Presidential Scholar (one out of 45 in WMU), received a research grant under my direction

Programming Experience

Languages	:	FORTRAN (>15 years), CLIPPER 5, C, VisualBasic, FoxPro, AML, MapBasic, Avenue
Web design:		Javascript, Java, DHTML, VML, XML, SVG
GIS and mapping	:	ARC/INFO, ARCVIEW, MapInfo, GISplus, Maptitude, ATLAS*GIS, MAP-II
Statistics:		SPSS, S-Plus, DALSolution
Computers	:	IBM PC, SUN workstations, VAX (mainframe and micro), Macintosh

Geographic Field Work

1988, July-August   **Georgia and Northern Caucasus** (*Deputy Head of Socio-Geographic Unit*)
                     Topic: Social and ecological consequences of the TransCaucasian Railroad project

1987, August	**Georgia** *(Technician).* Topic: Sustainable development in mountain regions
1986, July-August	**Dagestan** *(Technician)* Topic: Population mobility and settlement evolution in mountain regions
1985, June-July	**Southern part of Russia** *(Technician)* Topic: Population evolution in Krasnodar krai
1984, June-August	**Soviet Far East** *(Technician)* Topic: Water pollution in the Amur, and development of river economies

WMU University Service

1996 - 97	College of Arts and Sciences Promotional Committee
1996 - 97	College of Arts and Sciences Web Development Committee
1996 - 97	Department of Geography Curriculum and Harrison Endowment Commitees
1995 - 97	Department of Geography Ph.D. Proposal Committee
1995 - 98	Department of Geography Webmaster (http://www.wmich.edu/geography)
1996 - 98	Manager of the Department of Geography GIS Lab
1997	Grant from WMU Visiting Scholars and Artists Committee to bring in a visiting scholar to the Department of Geography in January'97 ($1,600)

Personal Details

Born 9 June, 1963 in Moscow, Russia. Citizen of Russia, US Permanent Resident

Languages:	English, Russian, rusty German
Address:	San Diego Supercomputer Center, UC San Diego, MC 0505
	9500 Gilman Drive -- La Jolla, CA 92093-0505 (work)
	3005 Governor Dr., San Diego, CA 92122 (home);
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