

	<p>Olena Poliarus</p> <p>date of birth – 18/07/1984 citizenship – Ukraine marital status – married</p>	<p>Contacts:</p> <p>Krzhizhanovsky str., 3 03680, Kyiv-142, Ukraine E-mail: elena_polyarus@ukr.net Tel.: +38(097)6986196</p>
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Education

2014 – 2016 – Postdoctoral studies in Frantsevych Institute for Problems of Materials Science of National Academy of Science of Ukraine (IPMS NASU)

2011 – PhD degree in Materials Science.

2007 – 2010 – Postgraduate studies (PhD-student) in IPMS NASU.

2007 – Master's degree in Materials Science Engineering

2001 – 2007 – National Technical University of Ukraine (Kiev Polytechnic Institute), Physical Engineering faculty, Department of high temperature composite materials and powder metallurgy.

1992 – 2001 – School (Physics and Mathematics class).

Work Experience

2006 – currently – Frantsevych Institute for Problems of Materials Science of National Academy of Science of Ukraine.

Positions: Researcher (2006-2013), Senior Researcher (2013- currently).

Social activity

2015 – currently – Secretary of Young Scientists and Specialists Board of Department for Physical-Technical Problems of Materials Science in National Academy of Science of Ukraine

2014 – currently – Chairman of Young Scientists Board in IPMS NASU

2014 – currently – Member of Scientific Board of IPMS NASU

2012 – currently – Secretary of the Department of Materials Science and Surface Engineering in IPMS NASU

Field of scientific interests

I. Development of NiAl-intermetallic-based composite materials armored with refractory borides (CrB_2 , TiB_2 and ZrB_2) for the spraying high-temperature wear- and corrosion resistant coatings.

II. Development of NiTi-based composite materials armored with refractory borides for the spraying erosion-corrosion and hydro-abrasive resistant coatings in aggressive water solutions.