

# Bartosz Kalota CV

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-  ResearchGate: [/profile/Bartosz\\_Kalota](https://www.researchgate.net/profile/Bartosz_Kalota)



Age: 30 (05.05.1988)

Place of residence: Częstochowa (nationality: Poland)

Marital status: married

## Education

- 2013–2018 – PhD studies (full-time), the field of chemical sciences in a scientific discipline of chemistry, Jan Długosz University of Częstochowa. The PhD Thesis: ***Synthesis and spectroscopic studies of selected lanthanide(III) complexes for luminescence-based oxygen and temperature sensing***. Conferment procedure: 19.10.2016. Defense: 22.01.2018. Resolution of graduation: 14.02.2018.
- 2010–2012 – MSc studies (full-time), branch of studies: Chemistry, specialty: Cosmetics Chemistry, Jan Długosz University of Częstochowa. The MSc Thesis: ***Phosphorescence studies of metalloporphyrins in solutions and polymers***.
- 2007–2010 – BSc studies (full-time), branch of studies: Chemistry, Jan Długosz University of Częstochowa (AJD). The BSc Thesis: ***Optical chemi- and biosensors using porphyrins***.
- 2004–2007 – W.S. Reymont XIII<sup>th</sup> High School in Częstochowa, LD class (English-German profile).

## Awards and Distinctions

- 20.11.2013 – ***Distinction of the MSc Thesis*** – The All-Polish XX<sup>th</sup> Edition of the SITPChem Competition for the best diploma thesis of chemistry area.
- 14.11.2012 – ***The Bene Merentibus Medal*** – granted during the University Holiday of AJD for achievements during two years of the MSc studies:
  - 3 scientific articles;
  - oral presentations at 5 conferences;
  - applying for a NCN grant;
  - *The Best Presentation Award*;
  - creation of the cooperation between AJD and the Siedlce University of Natural Sciences and Humanities;
  - participation in all-polish competition of diploma theses;
  - average rating (4.99).
- 15.09.2012 – ***The Best Presentation Award*** – granted for the best presentation during *The XVIII<sup>th</sup> International Seminar on Physics and Chemistry of Solids* in the Ivan Franko National University of Lviv (Ukraine).

## Research Works

- 2011–2017 – Coauthor of 8 scientific articles, 14 scientific communications (9 international),<sup>1</sup> and reviewer of 1 article for *Sensors and Actuators B: Chemical*.

## Experience

## Work

- 17.05.2017–11.01.2018 – Technical Editor of the *Chemistry Environment Biotechnology* Journal. Promotion for effective performance of functions of Technical Assistant and Secretary of Journal Editorial Board meetings.
- 21.01.2016–17.05.2017 – Secretary of the *Chemistry Environment Biotechnology* Journal Editorial Board meetings.  
Scope of work:
  - preparation of Editorial Board meetings protocols;
  - information of Editorial Board members about meetings and current cases with email;
  - altering projects/documents and email corresponding with Editorial Board members for changes confirmation.
- 10.01.2014–17.05.2017 – Technical Assistant of the *Chemistry Environment Biotechnology* Journal.  
Scope of work:
  - design of the new Journal template;
  - manuscripts preparation in the template and PDF files generation;
  - correspondence with authors to make an author's approval.
- 12.2013–01.2018 – Preparation of the Journals' volumes for print:<sup>1</sup>
  - *Chemistry Environment Biotechnology*, vol. 16–20;
  - *Forum Młodych Nauki*, vol. 8/9.– Digitization of the Journal's archival volumes:<sup>1</sup>
  - *Chemistry Environment Biotechnology*, 1–11;
  - *Fizyka Chemia*, 1–4;
  - *Seria Matematyczno-Przyrodnicza*, 1–5.
- 2011–2012 – Research coworker<sup>2</sup> of ***Bifunctional biosensors based on chitosan***, N N313 442737 (2009–2012), MNiSzW, being performed at the Faculty of Mathematics and Natural Sciences, Jan Długosz University of Częstochowa, 42-200 Częstochowa, al. Armii Krajowej 13/15.  
Scope of work:
  - measurement of UV-Vis absorption, excitation, luminescence spectra and luminescence lifetime of europium(III)  $\beta$ -diketonate complexes and ruthenium(II) aromatic complexes;
  - measurement of luminescence-based temperature sensing in the range of 25–75°C.
- 06–26.07.2009 – 3-week practice in the Water Supply and Sewage Systems Company of Częstochowa District, 42-202 Częstochowa, ul. Jaskrowska 14/44.  
Scope of work:
  - determination of anionic, nonionic surfactants, total phosphorus, ortho-  
...

<sup>1</sup> More at [www.bartoszkalota.pl](http://www.bartoszkalota.pl).

<sup>2</sup> Realization of the part of the research under the cooperation programme.

- ...
- phosphates, total nitrogen, nitrates(V) – Dr Lange's cuvette tests method;
  - sewage samples homogenisation;
  - determination of sulphates(VI) – weight method;
  - determination of total chrome – colorimetric method;
  - determination of suspensions – filtration method with fiberglass filters.

## Experience

## Academic

15–17.09.2014 – Technical assistant of the **New Crystalline Functional Materials** symposium during the 57<sup>th</sup> Annual Scientific Meeting of PTChem and SITPChem in Częstochowa.

Scope of work:

- equipment preparation for oral presentations and poster sessions;
- technical supervision of proper presentation displaying and poster session course.

- 2013–2016 – Member of the PhD Students Government Council of AJD.  
Scope of work:
  - systematic amendment to the *Regulations of PhD studies at the Jan Długosz University of Częstochowa*;
  - creation of resolutions in the scope of the current activity of the PhD Students Government of AJD;
  - representation of the PhD Students Government of AJD.
- 2013–2016 – Member of the PhD Interfaculty Scholarship Committee of AJD.  
Scope of work:
  - consideration of proposals concerning scholarships and assistance grants according to the valid regulations;
  - systematic amendment to the *Regulations of calculation, granting, and paying of material assistance benefits for PhD students at the Jan Długosz University of Częstochowa*.
- 2013–2016 – Member of the Faculty of Mathematics and Natural Sciences PhD Committee of AJD.  
Scope of work:
  - consideration of scholarship proposals according to the valid regulations;
  - systematic amendment to the *Regulations of granting of the PhD scholarship to PhD students at the Jan Długosz University of Częstochowa* and *Regulations of granting of the increase of the PhD scholarship from the subjective subsidy on financing the quality-based tasks at the Jan Długosz University of Częstochowa*.
- 2013–2016 – Member of the Committee on Science of the Faculty of Mathematics and Natural Sciences of AJD.  
Scope of work:
  - participation in meetings.
- 2012 – Coorganizer of the Jan Długosz University Open Days.  
Scope of work:
  - showing organized groups of young people over demonstration rooms.
- 2011–2012 – Secretary of the Scholarship Recall Committee of AJD.  
Scope of work:
  - consideration of recalls concerning scholarships and assistance grants according to the valid regulations.




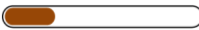
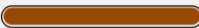
- 2011–2012 – Member of the Faculty of Mathematics and Natural Sciences Council of AJD.  
Scope of work:
  - voting on the issues concerning the Faculty.
- 2010–2012 – President of the year of studies.  
Scope of work:
  - mediation between the year of studies and the administration of AJD;
  - informing of the year of studies about new and current cases.

## Experience

### IT





- since 03.08.2014 – Establishment and management of KALOTA's fanpage.
- 03.12.2013–21.07.2015 – Establishment and management of KALOTA's *www.esklep.bizuteriakalota.pl* webstore and its Customer Service. In reconstruction since July 2015.
- since 13.09.2013 – Establishment and management of TAIRON's fanpage.
- since 29.08.2013 – Establishment and management of TAIRON's *www.tairon.bizuteriakalota.pl* website.
- since 2012 – Graphical designing for TAIRON firm.  
Scope of work:
  - design of the logo;
  - selected advertising bags designing;
  - discount cards and promotional vouchers designing.
- since 30.10.2010 – Establishment and management of KALOTA's *www.bizuteriakalota.pl* website.
- since 2010 – Graphical designing for KALOTA firm.  
Scope of work:
  - selected advertising bags designing;
  - selected graphical advertisements designing;
  - templates of certificates designing;
  - wedding rings catalogs designing.




















## Skills

- UV-Vis spectrophotometers –  fluent service.
- Time-resolved spectrofluorometers –  fluent service.
- English –  good acquaintance, enabling written and verbal communication and professional literature understanding.
- German –  basic acquaintance.
- Driving license of B type –  in use.

## Skills

### IT

- Scientific software:
  - Gaussian 03W   sufficiently;
  - GaussView   sufficiently;
  - ...

	...		
	– Xprep		<input type="text" value="sufficiently;"/>
	– Shelx (l, s)		<input type="text" value="sufficiently;"/>
	– Oscale		<input type="text" value="basically;"/>
	– Mercury (2.4)		<input type="text" value="basically;"/>
	– Platon		<input type="text" value="basically."/>
• Graphical software:	– Photoshop (CS4, 5)		<input type="text" value="well;"/>
	– Flash (CS5.5)		<input type="text" value="basically;"/>
	– Blender (2.61)		<input type="text" value="sufficiently;"/>
	– Camtasia Studio (7)		<input type="text" value="well;"/>
	– Origin (8.5)		<input type="text" value="sufficiently."/>
• Office software:	– Word 2007		<input type="text" value="fluently;"/>
	– PowerPoint 2007		<input type="text" value="fluently;"/>
	– Excel 2007		<input type="text" value="well;"/>
	– Access 2003		<input type="text" value="basically;"/>
	– Outlook Express 6		<input type="text" value="fluently;"/>
	– Windows Live Mail 2012		<input type="text" value="fluently."/>
• WEB:	– HTML (x, 4)		<input type="text" value="well;"/>
	– CSS		<input type="text" value="well."/>
• OS:	– Windows (98, XP, 8)		<input type="text" value="fluently."/>

## Finished courses

- 17–19.09.2016 – **Photo & Internet** organized by **Trementi**, Chorzów.  
and  
24–26.09.2016 Substantive contents:
  - the use of a DSLR camera (exposure time, depth of field, ISO, color temperature);
  - jewellery preparation for photography and the use of a photo light box;
  - photography of jewellery with and without stones;
  - processing and retouching with Photoshop CS6;
  - a preparation and the use of own webstore and its promotion on the Internet;
  - legal aspects of a webstore management;
  - SEO and a basic use of Google tools related to SEO.
- 21–22.05.2016 – **Jewellery stores sales** organized by **Trementi**, Chorzów.  
Substantive contents:
  - emotional intelligence developing training;
  - behavior, body language, voice timbre in contact with a customer;
  - sales psychology;
  - creation of a company good image.

## Membership

- since 2014 – Member of the Polish Chemical Association.
- since 2013 – Member of the Polish Association of Chemical Engineers.
- 2012 – Member of the Chemistry Section of AJD.
- 2010–2011 – Member of the Photoshop Section of AJD.
- 2008–2012 – Member of the Volleyball Sport Group of AJD.

## Interests

- Text edition
  - Polish and English text edition;
  - Text preparation for print (for publication).
- Graphics
  - Effective information providing as multimedia presentations with photomanipulation and 2D, 3D animations;
  - Graphical designing;
  - WEB designing.
- Music
  - Music from genre:
    - chill out, club, dance, deep, electronic, house, funk, classic rock, progressive, trance, uplifting trance.

## Hobbies

- Sport
  - Volleyball, American billiards, bicycle, skiing.
- Making and painting models
  - Plastic and metal tank models, scale 1:72 (formerly).

## Additional Information

- since 2014
  - Registered at DKMS Foundation – The Base of Stem Cells Donors.

*I give my permission for the processing of my personal data that is essential for the recruitment process, in accordance with the Act of 29.08.1997 on the Protection of Personal Data (Journal of Laws 2002 no. 101 item 926 amended).*