

CAROLINA GASPARINHO

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Date of Birth: 31 January 1985

Nationality: Angolan and Portuguese

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WORK EXPERIENCE

Since June 2021

Clinique de Sainte-Anne et Saint-Rémi, Brussels, Belgium

Circulating and Anaesthetic nurse

Experience in several specialties: General surgery, Gynecology, Urology, Orthopedics, Plastic, Pediatrics, Vascular, Maxillofacial, Ophthalmology, and ORL.

Apr 2020- May 2021

Hospital São Francisco Xavier, Centro Hospitalar Lisboa Ocidental E.P.E., Lisboa, Portugal

Generalist nurse providing nursing care to hospitalized COVID-19 patients under the COVID-19 Contingency Plan

Jun - Oct 2020

Hospital do SAMS, Lisboa, Portugal

Circulating and Anaesthetic nurse with experience in several specialties: General surgery, Gynecology, Urology, Plastic, Pediatrics, Vascular, Maxillofacial and Ophthalmology.

Jan-March 2020

Institute of Hygiene and Tropical Medicine, NOVA University - Portugal

Research fellow in the Long-Data project: "Longitudinal data in (under)nutrition"

Participation in a research group to explore different statistical approaches to chronic malnutrition indicators over time, binary data, with and without missing values.

Dec 2017- May 2018

Malo Clinic Ginemed - Portugal

Circulating and scrub nurse

Health group specialising in Gynaecology, Obstetrics and Assisted Reproduction.

Main activities: Preparation of the operating room for all cases and scheduled procedures; Assistance as a circulating/scrub nurse. Data analysis and elaboration of a poster presentation (sociodemographic characterization of oocyte donors).

Nov 2012- Jan 2017

Health Research Centre of Angola (CISA) - Angola

Research Assistant

CISA is a public institution under the auspices of the Ministry of Health of Angola (MINSA). It was founded through a partnership launched in 2007 between the Angolan government, the Portuguese government and the Calouste Gulbenkian Foundation (*Fundação Calouste Gulbenkian - FCG*), with the latter endowed with managing the project that led to the setting up of CISA. Main activities:

Participation in research studies:

Two-year impact of annual albendazole versus four-monthly test-and-treat approach of intestinal parasites on children nutritional status in Bengo, Angola: a four-arm randomised parallel trial. Clinical trial registry: ISRCTN72928001; Study design, implementation, training and supervision of the field team for data collection and laboratory diagnosis of intestinal parasites. Statistical analysis, interpretation and elaboration of scientific article for publication; **Funding:** Foundation for Science and Technology PhD fellowship (*Fundaçao para a Ciencia e Tecnologia-FCT: SFRH/BD/91566/2012*), FCG fellowship (P-212008), and CISA promoters (MINSA, FCG and Camões Institute for cooperation and language).

Agents of diarrhoea in children under-five attending the Bengo General Hospital, Bengo, Angola. Supervision of data collection and data analysis, reports, data presentation in conferences and publication of three research articles. Elaboration of a protocol for the treatment of intestinal parasites in the referral hospital for Bengo province, Angola; **Partners:** CISA promoters (MINSA, FCG and Camões Institute for cooperation and language), General Hospital of Bengo, and the Institute of Hygiene and Tropical Medicine (IHMT, New University of Lisbon, Portugal).

Morbidity surveillance system in Bengo General Hospital, Angola. Team coordination of team including doctors and nurses, supervision of data collection, data analysis, reporting and data presentation; Partners: CISA promoters (MINSA, FCG and Camões Institute for cooperation and language), General Hospital of Bengo;

Epidemiology of hemoglobinopathies: genetic variation of hemoglobin and erythrocyte enzymes in Bengo, Angola. Nursing team management, supervision of filling in the questionnaires. Creation of protocols related to the follow-up consultation of children with sickle cell disease in collaboration with the General Hospital of Bengo; Partners: CISA promoters (MINSA, FCG and Camões Institute for cooperation and language), IPATIMUP (Institute of Pathology and Molecular Immunology of the University of Porto), Agostinho Neto University School of Medicine, David Bernardino Pediatric Hospital (Luanda), and Lisbon School of Health Technology, Portugal

Comparative study of the diagnostic techniques of *Strongyloides stercoralis*: Direct examination, formalin-ether concentration test and Harada Mori. Study design, coordination of the field and laboratory team and elaboration of a treatment protocol for follow-up consultation in collaboration with the General Hospital of Bengo; Partners: CISA promoters (MINSA, FCG and Camões Institute for cooperation and language), Bengo's Health Technicians Training School (*Escola de Formação de Técnicos de Saúde do Bengo*), and Bengo General Hospital;

Intervention study on controlling schistosomiasis in children aged between two and fifteen in Dande Municipality. Support in field work organization. Application of questionnaires to participants. Administration of oral therapy (albendazole, praziquantel and coartem) to participants in a community context and referral of severe cases to the referral hospital. Partners: CISA promoters (MINSA, FCG and Camões Institute for cooperation and language), Agostinho Neto School of Medicine, Lisbon School of Health Technology, Faculty of Medicine of University of Porto (FMUP, Portugal), Liverpool School of Tropical Medicine (LSTM, UK) and the University of Queensland (Australia).

Trainer, supervisor and coordinator of scientific activities:

2021 – Co-adviser of a Master Thesis entitled “Prevalence of Schistosomiasis and Soil-transmitted Helminths in school-aged children in Malanje province, Angola” in the Institute of Hygiene and Tropical Medicine, NOVA University, Portugal

2016 – Co-adviser of a Bachelor Thesis entitled “Urinary Schistosomiasis Infection in Health Professionals of the General Hospital of Bengo from March to June 2016”, Faculdade de Ciências da Saúde da Universidade Metodista de Angola, Luanda, Angola.

2015 – Elaboration of the Parasitology training course provided to the students of Clinical Analysis and Public Health course of Bengo's Health Technicians Training School. Subjects: Infections caused by Intestinal parasites and malaria (life cycle, diagnosis and treatment). Laboratory techniques: diagnosis of malaria (rapid test and microscopic examination of thick and thin blood smear); diagnosis of schistosomiasis (after centrifugation of urine sample) and diagnosis of intestinal parasites (direct saline and iodine wet mount);

2014 to 2016 - Parasitology Internship supervision of students in LabCISA, mainly in relation to the infections with intestinal parasites and malaria (epidemiology, life cycle, diagnosis and treatment);

2014 to 2015 – Co-advisor of the final dissertation: Diagnosis of intestinal parasites in the Laboratory of Clinical Analysis of the General Hospital of Bengo between November 2014 and January 2015. Study design, laboratory diagnosis and data analysis. Clinical Analysis and Public Health course at the Bengo's Health Technicians Training School in Caxito, Angola;

2014 - Organised the first scientific conference of Bengo General Hospital in collaboration with the Research Centre of Angola and the Bengo Health Technician Training School as a member of the Scientific Committee (elaboration of rules for submission of papers, evaluation of abstracts) and collaboration with the organizing committee.

Mar 2010- Out 2012

SAMS Hospital - Portugal

Anaesthetist, circulating and scrub nurse

Main activities: Anaesthetist nurse, circulating nurse, scrub nurse and nursing care in the recovery room with experience in different areas: general surgery, colon and rectal

	surgery, gynecology and obstetrics, urology, pediatric surgery, vascular surgery, plastic and maxillofacial surgery, and ophthalmic surgery;
Mar 2010- Mar 2008	SAMS Hospital - Portugal General Nurse in Obstetrics and Gynecology Department Main activities: Circulating/anaesthetist nurse in the caesarean operating room; Nursing care during the puerperium period. Participation in a multidisciplinary health team in the "Voluntary interruption of pregnancy"
Sep 2007- 2010	Luis Filipe Gasparinho Cirurgia Geral e Laparoscópica, LDA - Portugal Scrub Nurse Main activities: Instrumenting inferior members surgery, herniorrafias (inguinals and umbilicals) and hemorrioidectomy at Ordem Terceira Hospital, Lisbon, Portugal.
Nov 2007- Oct 2008	São João de Deus Prison Hospital - Portugal General Nurse Main activities: Nursing care with medical patients including status epilepticus, status asthmaticus, respiratory, distress, diabetics, post-vascular cerebral accident, among others. Patients of high security status

EDUCATION

May – Nov 2022	Postgraduate course in Healthcare Project Management at National School of Public Health (Escola Nacional de Saúde Pública - ENSP), NOVA University Lisbon, Portugal Escola Nacional de Saúde Pública — Healthcare Project Management (unl.pt)
2013 – Jul 2019	PhD in International health, Specialty: Tropical Public Health at NOVA Institute of Tropical Medicine and Hygiene (IHMT), New University of Lisbon (UNL) – Portugal Dissertation: Malnutrition and enteric infections in children from Bengo, Angola - a four arm experimental study. PhD Scholarship: FCT (SFRH/BD/ 91566/2012) e FCG (Ref 212008) and Health Ministry of Angola (MINSA). https://run.unl.pt/handle/10362/82951
2009 – 2012	Master in Tropical Health at the Institute of Tropical Medicine and Hygiene (IHMT), New University of Lisbon (UNL) – Portugal Dissertation: Cross-sectional study on Intestinal parasites and severe and moderate malnutrition in children admitted to the service of malnutrition of Hospital Pediátrico do Lubango, Angola, with a final classification of 17.0 values (0-20). https://run.unl.pt/handle/10362/48652
2003 – 2007	Nursing degree at Portuguese Red Cross Health School – Portugal Dissertation: Factors affecting Alzheimer's caregiving families with a final classification of 16.43 values (0-20)

PROFESSIONAL TRAINING

Jun 2019	Short course “Essentials of Clinical Trials” at London School of Hygiene & Tropical Medicine (LSHTM) 24-28 June - UK Key issues in design, conduct, analysis and reporting, with a focus on major clinical trials that directly influence clinical practice. Topics are addressed with perspectives from both public sector research and the pharmaceutical industry. https://www.lshtm.ac.uk/study/courses/short-courses/clinical-trials
May 2019	Science Management Course (2nd edition) in Lisbon (at the Calouste Gulbenkian Foundation, Portugal) and in Barcelona (at Cosmo Caixa), from 27 to 31 May 2019 – Portugal and Spain The overall objective of this course was to promote specific knowledge and practical training in leadership and research management at internationally competitive research institutions. The course was promoted by Calouste Gulbenkian Foundation and Fundação La Caixa, and with the support of the Health Research Centre of Manhiça (Centro de Investigação em Saúde da Manhiça, Mozambique), and ISGLOBAL (Instituto de Saúde Global de Barcelona, Spain). https://gulbenkian.pt/grant/curso-em-gestao-de-ciencia-para-investigadores-dos-palop-2/
Apr 2019	Introduction to Systematic Reviews and Meta-Analysis Course – Cochrane Portugal A day course provided by Cochrane Portugal and included in the 4th International Research Conference of the Northern School of Health of the Portuguese Red Cross
Sep 2016	Workshop:“Tackling Strongyloidiasis a World-wide challenge” – Griffith University, Australia

	The workshop provided an update on diagnostic techniques, epidemiology, social and clinical aspects of Strongyloidiasis, and provided a forum for discussion on the challenges in tackling Strongyloides and how we can move forward together with collaboration of the National Strongyloides Working Group.
Sep 2016	Workshop: "Parasitology Diagnostic" – University of Queensland, Australia Workshop included in the ICTMM 2016 (18 September, Brisbane, Australia). Main topics: Intestinal protozoa; Intestinal helminth; Blood parasites; Histopathology of parasitic infections; Diagnosis of zoonotic veterinary parasites; scheme for identifying arthropods in a diagnostic lab; General concepts of molecular diagnosis; Serological diagnosis of parasites.
Apr 2013	Training course on Malaria diagnosis ministered by the National Malaria Control Program of Angola.
Oct 2010	Course of Initial Pedagogical Training for Trainers, FDTI - Portugal Certificate of Competence (100hours)
Nov 2009	Training Course of International Volunteers organized by AMI – International Medical Assistance – Portugal; Duration: 12 hours
Oct 2008-Feb 2009	Cardio-pulmonary resuscitation course at the Nursing Training Institute (Instituto de Formação em Enfermagem - IFE) – Portugal; Duration: 42 hours; Classification: 18 values (0-20)
Mar 2008-Oct 2008	Obstetric and neonatal emergencies course at the Nursing Training Institute (Instituto de Formação em Enfermagem - IFE) – Portugal Duration: 66 hours; Classification: 18 values (0-20)
Oct 2007-Feb 2008	Nursing care in Metabolic urgencies and Intoxication at the Nursing Training Institute (Instituto de Formação em Enfermagem - IFE) – Portugal Duration: 42 hours; Classification: 16 values (0-20)

AFFILIATIONS

Since 2018	Global Health Tropical Medicine (GHTM) , Institute of Hygiene and Tropical Medicine (IHMT), New University of Lisbon, (UNL) – Group: Individual Health Care (IHC)
2013-2019	International Public Health and Biostatistics Unit, Institute of Hygiene and Tropical Medicine (IHMT) , New University of Lisbon, UNL)
Since 2012	Health Research Centre of Angola (CISA)

SCHOLARSHIPS

Oct 2020	IHMT 2019 Scholar and Scientific Merit Award Professor Doutor Cruz Ferreira Award for the best PhD student in the area of Tropical Medicine and Clinic - https://www.ihmt.unl.pt/entrega-de-premios-aos-melhores-alunos-do-ihmt-nova/
Apr 2017 - Oct 2017	Calouste Gulbenkian Foundation Fellowship Short-term scholarship awarded for the analysis and publication of scientific articles under the PhD thesis in International Health, Tropical Public Health Specialty (IHMT-NOVA): Bolsa de Formação para os PALOP e Timor-Leste, Ref 212008.
Apr 2013 - Apr 2017	Foundation for Science and Technology PhD fellowship PhD in International Health, Tropical Public Health Specialty - Institute of Hygiene and Tropical Medicine, New University of Lisbon (SFRH/BD/91566/2012)

PAPERS

Published	Gasparinho, C. ; Gonçalves, M. H.; Chissaque, A.; Silva, G. L.; Fortes, F.; Gonçalves, L., Wasting, Stunting, and Anemia in Angolan Children after Deworming with Albendazole or a Test-and-Treat Approach for Intestinal Parasites: Binary Longitudinal Models with Temporal Structure in a Four-Arm Randomized Trial. <i>Nutrients</i> 2022 , <i>14</i> , (11), 2185.
Published	Gasparinho C , Kanjungo A, Zage F, Clemente I, Santos-Reis A, Brito M, Sousa-Figueiredo JC, Fortes F, Gonçalves L. Impact of Annual Albendazole versus Four-Monthly Test-and-Treat Approach of Intestinal Parasites on Children Growth-A Longitudinal Four-Arm Randomized Parallel Trial during Two Years of a Community Follow-Up in Bengo, Angola. Pathogens. 2021 Mar 7;10(3):309. doi: 10.3390/pathogens10030309. PMID: 33799921; PMCID: PMC8001871.
Published	Chissaque A, Cassocera M, Gasparinho C , et al. Rotavirus A infection in children under five years old with a double health problem: undernutrition and diarrhoea - a cross-sectional study in four provinces of Mozambique. BMC Infect Dis. 2021 ;21(1):18. Published 2021 Jan 6. doi:10.1186/s12879-020-05718-9

Published	Gasparinho C , Piedade J, Mirante MC, Mendes C, Mayer C, Vaz Nery S, et al. <i>Characterization of rotavirus infection in children with acute gastroenteritis in Bengo province, Northwestern Angola, prior to vaccine introduction.</i> PLoS One. 2017;12(4):e0176046.
Published	Gasparinho C , Ferreira FS, Mayer AC, Mirante MC, Vaz Nery S, Santos-Reis A, et al. <i>Molecular characterization of Giardia lamblia in children less than 5 years of age with diarrhoea attending the Bengo General Hospital, Angola.</i> Trans R Soc Trop Med Hyg. 2017;111(11):497-503.
Published	Gasparinho C , Mirante MC, Centeno-Lima S, Istrate C, Mayer AC, Tavira L, et al. <i>Etiology of Diarrhea in Children Younger Than 5 Years Attending the Bengo General Hospital in Angola.</i> Pediatr Infect Dis J. 2016;35(2):e28-34.

PRESENTATIONS

Oral	L. Gonçalves, C. Gasparinho , F. Fortes. Estudos longitudinais: desafios do princípio ao fim. (Workshop em Estatística para a Saúde. Faculdade de Ciências e Tecnologia da Universidade NOVA de Lisboa. 16 de December 2019).
Oral	C. Gasparinho , F. Fortes, L. Gonçalves. Implementação de um estudo longitudinal na província do Bengo, Angola - resultados, principais desafios e lições aprendidas. (SPE 2019 - XXIV Congresso da Sociedade Portuguesa de Estatística, Amarante, Portugal. 9 November 2019).
Poster	C. Gasparinho , M. Brito, F. Fortes, L. Gonçalves. Efeito do Albendazole (sem diagnóstico) vs tratamento de parasitas intestinais (após diagnóstico) no estado nutricional de crianças no Bengo, Angola: estudo experimental com quatro braços em paralelo. (IX Jornadas Científicas do Instituto de Higiene e Medicina Tropical, Lisbon, Portugal. December 2018);
Poster	C. Gasparinho , MJ Cravo, B. Pinto, M Rosa, AF Diamantino, AP Soares. Caracterização do perfil da dadora de ovócitos de uma unidade de reprodução medicamente assistida em Lisboa, Portugal. (XXXVI Jornadas Internacionais de Medicina da Reprodução em Portugal. Sociedade Portuguesa de Medicina da Reprodução. Figueira da Foz, Portugal, 4 and 5 of May 2018);
Poster	C. Gasparinho , F.S. Ferreira, A.C. Mayer, M.C. Mirante, S.V.Nery, A. Santos-Reis, D. Portugal-Calisto, M. Brito. Caracterização molecular de <i>Giardia lamblia</i> em crianças menores de cinco anos com diarreia atendidas no Hospital Gera do Bengo. (Conferência Científica Universidade Agostinho Neto. CCUAN 2017. 27 to 29 of September 2017).
Poster	C. Gasparinho , A. Kanjungo, F. Zage, I. Clemente, A. Reis, M. Brito, F. Fortes, S. Centeno-Lima, L. Gonçalves. Caracterização do perfil sociodemográfico e nutricional de crianças com infecção por parasitas intestinais patogénicos avaliadas em 3 unidades de saúde da província do Bengo, Angola. (VII Jornadas Científicas do Instituto de Higiene e Medicina Tropical, Lisbon, Portugal. December 2016);
Poster	C. Gasparinho , P. Silva, P. Nfumussuca, L. Ernesto, E. Vicente, C. Tchonhi, M. Brito. O Papel do Enfermeiro no Rastreio Neonatal da Doença das Células Falciformes no Hospital Geral do Bengo, Caxito, Província do Bengo, Angola. (III Congresso Internacional da Ordem dos Enfermeiros de Angola – 8 and 9, December 2016).
Poster	C. Gasparinho , A. Kanjungo, F. Zage, I. Clemente, A. Reis, M. Brito, F. Fortes, S. Centeno-Lima, L. Gonçalves. The contribution of Health Care to reducing Chronic Malnutrition in Children between 2 and 5 years of age: a community case study of infection by intestinal parasites in Bengo Province, Angola. (XIX International Congress for Tropical Medicine and Malaria, Brisbane, Austrália, poster number 41, 18-22 September 2016)
Poster	C. Gasparinho , A. Kanjungo, F. Zage, I. Clemente, A. Reis, M. Brito, F. Fortes, S. Centeno-Lima. Contribuição dos cuidados de saúde na redução da desnutrição crónica em crianças dos 2 aos 5 anos: estudo de caso comunitário das infecções por parasitas intestinais na província do Bengo, Angola. (VI Jornadas Científicas do Instituto de Higiene e Medicina Tropical, Lisbon, Portugal, December 2015).
Oral	C. Gasparinho , M. C. Mirante, S. Centeno-Lima, C Istrate, AC Mayer, L Tavira, SV Nery, M Brito. Estudo dos Agentes causais de diarreia em crianças menores de 5 anos atendidas no Hospital Geral do Bengo, Angola (I Seminário CISA-CISM, Caxito-Angola: 28 September 2015);
Oral	C. Gasparinho , S. Centeno-Lima. Contribuição dos cuidados de saúde na redução da desnutrição crónica em crianças dos 2 aos 5 anos: estudo de caso comunitário das infecções por parasitas intestinais na província do Bengo, Angola – resultados provisórios (Encontro Satélite Segurança Alimentar e Nutricional e Medicina Tropical: caminhos comuns na CPLP: 3º Congresso Nacional de Medicina Tropical, I Congresso Lusófono de Doenças Transmitidas por Vectores, Instituto de Higiene e Medicina Tropical, Lisboa, Portugal - April 2015);

Poster	C. Gasparinho , A. Kanjungo, F. Zage, I. Clemente, A. Reis, M. Brito, F. Fortes, S. Centeno-Lima. Contribuição dos cuidados de saúde na redução da desnutrição crónica em crianças dos 2 aos 5 anos: estudo de caso comunitário das infecções por parasitas intestinais na província do Bengo, Angola. (V Jornadas Científicas do Instituto de Higiene e Medicina Tropical, Lisbon, Portugal, December 2014).
Oral	C. Gasparinho , M. C. Mirante, S. Centeno-Lima, C Istrate, AC Mayer, L Tavira, SV Nery, M Brito Parasitoses intestinais em crianças menores de cinco anos admitidas por diarreia no Hospital Geral do Bengo, Angola. (2º Congresso da Clínica Girassol 2014, Centro de Convenções de Talatona, Luanda, Angola – 21 a 24 de October de 2014)
Poster	C. Gasparinho , MC Mirante, S Lima, S Vaz-Nery, C Istrate, AC Mayer, M Brito. Aetiology of Diarrhoea in children under five at the Bengo General Hospital, Angola (16th International Congress on Infectious Diseases, Cape Town, Africa, 2-5 de april de 2014).
Oral	C. Gasparinho , M. C. Mirante, S. Centeno-Lima, C Istrate, AC Mayer, L Tavira, SV Nery, M Brito Estudo dos agentes causais de diarreia em crianças menores de 5 anos no Hospital Geral do Bengo (2ªs Jornadas do Interno de Especialidade do Hospital Militar Principal/IS, Luanda, Angola, 10 a 14 de March de 2014);
Oral	C. Gasparinho , M. C. Mirante, S. Centeno-Lima, C Istrate, AC Mayer, L Tavira, SV Nery, M Brito Estudo dos agentes causais de diarreia em crianças menores de 5 anos no Hospital Geral do Bengo (IX Congresso da Ordem dos Médicos em Angola, Luanda, Angola - 24 e 25 January 2014);
Oral	C. Gasparinho , M. C. Mirante, S. Centeno-Lima, C Istrate, AC Mayer, L Tavira, SV Nery, M Brito Resultados preliminares do Estudo dos agentes causais da diarreia em crianças menores de 5 anos atendidas no Hospital Geral do Bengo, Angola (3ª Conferência Nacional sobre Ciência e Tecnologia: “A ciência, Tecnologia e Inovação ao serviço da sociedade”, September 2013);
Oral	C. Gasparinho . Dores na Prisão – A outra dor (1ªs Jornadas de Enfermagem do Hospital Prisional São João de Deus subordinadas ao tema “Cuidar atrás Muros – da prevenção aos cuidados continuados”, Centro de Congressos do Tagus Park, Oeiras, Portugal, June 2008)
Oral	C. Gasparinho , M. Serrão. Fatores que influenciam a reestruturação da família do doente de Alzheimer – perspetiva do cuidador (comemorações do 59º Aniversário da Escola Superior de Saúde da Cruz Vermelha Portuguesa no Centro de Congressos do Estoril, Portugal, November 2007);
Oral	C. Gasparinho , M. Serrão. Factores que influenciam a reestruturação da família do doente de Alzheimer – perspectiva do cuidador (1ªs Jornadas de (Des)Envolvimento dos Jovens Enfermeiros da Secção Regional do Sul da Ordem dos Enfermeiros, Lisbon, September 2007).

PERSONAL SKILLS

Profile

High performer and hard-working individual with leadership and project management experience in Angola; ability to embrace new challenges, working with both clinical and non-clinical staff, attention to details, analytical and problem-solving skills.

Language

- **Portuguese:** Mother tongue
- **English:** Advanced/Fluent. Academic IELTS overall band score (7.0) and CEFR Level (C1): Listening (6.5); Reading (7.5); Writing (6.5); Speaking (7.0). 30/08/2018. Centre: PT008
- **French:** Upper Intermediate

Other skills

Proficient use of Microsoft Applications (Word, Excel, PowerPoint), IBM SPSS. Proficient use of Internet applications.

REFERENCES AVAILABLE ON REQUEST