



CURRICULUM VITAE

Nissreen Elfadawy, MD, MS, FASN, FAST Clinical Assistant Professor- Case Western Reserve University Vice Chair of Medicine – Geauga Medical Center Clinical Adjunct Faculty at Lake Erie College – Physician Assistant Program Nephrologist- Geauga Medical Center – University Hospitals of Cleveland 13221 Ravenna Rd – suite 12 Chardon. OH 44024 Phone: 440-285-3055 Fax: 440-285-6805 Email:Nissreen.Elfadawy@uhhospitals.org <u>https://www.researchgate.net/profile/Nissreen_Elfadawy</u> <u>https://www.linkedin.com/pub/dr-nissreen-elfadawy/51/48a/812</u> <u>Twitter Handle: @ElfadawyN</u>

Medical Education:

- M.B., CH.B/ MD 2003

- School Name: Faculty of Medicine, Alexandria University/Egypt.
- Dates of attendance: 1996-2003.
- Degree obtained: Bachelor of Medicine and Surgery (M.B., CH.B).
- Grade: "Excellent with Honor".

- Master Degree in Internal Medicine/Nephrology: 2008

- School name: Faculty of Medicine, Alexandria University/Egypt.
- Dates: 2005-2008
- Degree obtained: Master of Internal Medicine/Nephrology
- Grade: "Very Good"

Clinical and Research Training:

<u>2003-2004 : Internship</u>

• Program: The main university hospital – Alexandria University - Egypt

2005 - 2008 : Internal Medicine Residency

• Program: Department of Clinical and Experimental Medicine, Medical Research Institute, Alexandria University-Egypt.

2008 - 2009 : Nephrology fellowship

• Program: Department of Clinical and Experimental Medicine, Medical Research Institute, Alexandria University-Egypt.

2011 – 2014: Kidney Transplant Clinical/Research fellowship

- Institution: Glickman Urological and Kidney Institute, Cleveland Clinic Foundation, Cleveland Ohio USA.
- Clinical activities: Inpatient transplant service –out patient transplant clinic
- Areas of clinical training:
 - Post transplant infectious diseases.
 - Attending the Nephrology and Urology grand rounds, teaching conferences, and scientific meetings.
 - Kidney transplant service rounds.
 - Kidney transplant consults
 - Kidney transplant outpatient clinic.
 - Pre-transplant evaluation (recipients/donors)
 - Allogen laboratory and HLA tissue typing

<u>2015-2017</u>: Internal Medicine residency

• University hospitals -Case Western Reserve University - Cleveland medical center (CWRU - CMC). Cleveland/Ohio

8/2017-7/2019: Nephrology fellowship

• University hospitals – Case Western Reserve

Administrative Experience:

<u>3/2015-7/2015:</u> Data Registry coordinator (Transplant Center) – Cleveland Clinic/Ohio

• Institution: Transplant center, Cleveland Clinic Foundation, Cleveland - Ohio - USA.

Areas of training:

- United Network Of Organ Sharing (UNOS) data registry and data entry EDITTM transplant registry database training
- The Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) database use
- Administrative experience
- Nurses seminars and medical education

Current appointments:

- Nephrologist (8/2019 current)- University Hospitals– Geauga Medical Center
- Clinical assistant professor of Medicine (2019- current) Nephrology and Hypertension – Case Western Reserve University (CWRU). Cleveland/Ohio
- Clinical Adjunct Faculty at Lake Erie College Physician Assistant Program (2022- current)
- Assistant lecturer (4/2009 current)– (Internal Medicine/Nephrology) Alexandria university/Egypt

Board certified/eligible

- Board certified- Medicine –USA 2017
- Board certified Nephrology USA 2021
- Board certified internal medicine Egypt
- Board certified Nephrology –Egypt

Honors and awards:

- Resident "best research" award 5/2017 Internal medicine residency program University hospitals Case medical center
- Resident "best research" award 5/2016 Internal medicine residency program University hospitals Case medical center
- Kidney STARS award 11/2016 American Society of Nephrology- Chicago/IL/USA
- Young Innovator Award Cutting Edge of Transplantation (CEOT) The American Society of Transplantation (AST) 4/2016 Arizona/USA
- "The young Investigator Award" American Transplant Congress (ATC) 5/2016 Boston- MA/USA
- "Best abstract award" American Transplant congress (ATC) 2015 Philadelphia PA/USA
- Advances in research Travel Grant Award 2015 ASN 2015 kidney week San Diego/CA
- Young Innovator Award Cutting Edge of Transplantation (CEOT) The American Society of Transplantation (AST) 2015 Arizona/USA
- "Distinguished Educator Certified" The Transplantation Society (TTS) 2014
- Young Investigator Award World Transplant Congress (WTC) The American Society of transplantation (AST) 2014 San Francisco CA/USA
- Poster of distinction" World Transplant Congress (WTC) 2014 San Francisco CA/USA
- "Grant from São Paulo School of Advanced Science on Transplant Infectious Diseases (SPSAS-TID) - São Paulo, Brazil, Oct 19-24, 2014
- Grant from National Institute of Diabetes and Digestive and Kidney Diseases 2013 -The origins of Renal Physiology course – MDIBL / Maine –USA

- Travel Grant Award 2014 Advances in Organ Transplantation Boston MA/USA
- Travel Grant Award 2014 ASN 2014 kidney week Philadelphia PA/USA
- Travel grant award 2014 Renal Physician Association (RPA) Washington DC USA
- Travel grant award 2013 Renal Physician Association (RPA) New Orleans Louisiana – USA
- Travel grant award 2013 ASN 2013 Kidney week Atlanta GA/ USA
- Travel grant award 2013- AST transplant fellows Symposium Grapevine TX/ USA
- The Medal of Honor 2003 Faculty of Medicine Alexandria University- Egypt
- Graduate achievement Award 2003 Egyptian Medical Syndicate
- Graduate achievement Award 1996 Egyptian Ministry of Education

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

- 2/2013 current: Internet Journal of Medical Updates (IJMU)
- 3/2014 current: Cleveland Clinic Journal of Medicine (CCJM)
- 6/2015 current: Transplantation
- 6/2016 current: Clinical Transplantation
- 6/2016- current: Scientific reports/Nature

National meetings abstract reviewer

Served as a reviewer for the abstract review committee on the topic of "<u>Kidney</u>
<u>Immunosuppression: Novel Agents</u>." – American transplant congress (ATC) 2016 –
Boston/ MA

National meetings invited speaker

• Invited to participate as a faculty member speaker at the 2017 Annual Meeting of the American Transplant Congress (ATC 2017)

• Invited to participate as a faculty member speaker at the 2020 Annual Meeting of the American Transplant Congress (ATC 2020)

International meetings Invitations

• Invited to Basil Switzerland by Dr Hans Hirsch to participate at The Transplantation Society to write BKPyV guidelines consensus (4/2022)

Membership in professional societies:

- Fellow of the American Society of Nephrology (FASN) 2015
- Fellow of the American Society of Transplantation (FAST)- 2017
- Member of the American College of physicians (ACP) 2017
- Member of the International Society of Nephrology (ISN) 2015
- Member of the American Society of Nephrology (ASN) 2012
- Member of The Transplantation Society (TTS) 2012
- Member of the Renal Physician Association (RPA) 2012
- Member of National Kidney Foundation (NKF) 2012
- Member of the Cleveland clinic Alumni
- Faculty member/Teaching staff, University of Alexandria / Egypt 2009
- Member of the Egyptian Medical Syndicate- Egypt 2003

Positions in professional societies

- "Chair" Trainee and young faculty community of practice executive committee American Society of transplantation. 2018-2020
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- "Member at large" Trainee and Young faculty community of practice executive committee – American Society of transplantation. 2016-2018. Role: monthly meeting to promote trainee involvement in the AST activities. Participated in the ATC 2017 program proposals submission.
- "Trainee Representative" the transplant diagnostic community of practice (TxDx COP) executive committee American Society of Transplantation AST 2014-2015. **Role:** participate in writing the OPTN/UNOS bylaws policy proposal, distributing a quarterly newsletter to the AST COP, outlining the meeting proposal for ATC 2016.
- "Member" trainee and young faculty community of practice work group (TYFCOP) American Society of Transplantation AST 2014-2016. **Role**: Participate in monthly

conference call to establish an on-line library for the AST COP, post a hot topic weekly for discussion by the fellow trainees, and developed a list of seed questions on line.

• "Associate Editor" in Trainee and young faculty community of practice newsletter – American society of Transplantation (AST) 2014-2016

Published manuscripts and abstracts:

- Mansoor E, Khoudari G, Abou Saleh M, Elfadawy N, et al. The Many Faces of COVID-19: Atypical Presentation of COVID-19 in a Patient With Crohn's Disease With Acute Diarrhea Leading to Severe Hypovolemic Hyponatremia-A Case Report [published online ahead of print, 2020 Aug 19]. Am J Gastroenterol. 2020;10.14309/ajg.00000000000814. doi:10.14309/ajg.00000000000814
- Cravedi P, Schold JD, Safa K, **Elfadawy N** et al. The COVID-19 Pandemic: A community approach [published online ahead of print, 2020 Aug 6]. Clin Transplant. 2020;e14059. doi:10.1111/ctr.14059
- Elfadawy N, Flechner SM. Retransplantation after nonadherence-related kidney allograft failure forgive or forget?. Transpl Int. 2019;32(12):1241-1243. doi:10.1111/tri.13531
- Elfadawy N, Yamada M, Sarabu N. Management of BK Polyomavirus Infection in Kidney and Kidney-Pancreas Transplant Recipients: A Review Article. Infect Dis Clin North Am. 2018;32(3):599-613. doi:10.1016/j.idc.2018.04.009
- Azzi J, Raimondi G, Mas V, **Elfadawy N**, et al. The Outstanding Questions in Transplantation: It's About Time... American Journal of Transplantation. 10.1111/ajt.14450
- Jesse D. Schold, Nissreen Elfadawy, Laura D. Buccini, David A. Goldfarb, Stuart M. Flechner, Michael P. Phelan and Emilio D. Poggio. Emergency Department Visits after Kidney Transplantation. Clin J Am Soc Nephrol. 2016; 11(4): 555-557. doi: 10.2215/CJN.07950715
- Masaaki Yamada, Nissreen Elfadawy, Richard A. Fatica. The Association between Rapid BK Viremia Clearance and Graft Rejection in Kidney and Kidney/Pancreas Transplant Recipients. J Am Soc Nephrol 27: 2016. 45A
- Nissreen Elfadawy, Chang H. Kim, Sadeer Al-Kindi. Red Cell Distribution Width as a Biomarker of Cardiovascular Disease in Patients with Chronic Kidney Disease. J Am Soc Nephrol 27: 2016. 823A
- **N. Elfadawy,** G. Diaz, A. Chiesa-Vottero, S. Nurko, E. Poggio, S. Flechner, L. Klingman, D. Thomas, A. Zhang, and M. Askar. Primary Graft Dysfunction after Zero Mismatch Kidney Transplantation Secondary

to Early Biopsy Proven Acute Cell Mediated Rejection. Transplantation Proceedings, 47(7), 2223 - 2226 (2015). doi: 10.1016/j.transproceed.2015.07.016.

- Elfadawy N, Flechner S, Schold J, Srinivas T, Poggio E, Fatica R, Avery R, Mossad S. Transient versus Persistent BK Viremia and Long-Term Outcomes after Kidney and Kidney-Pancreas Transplantation. Clin J Am Soc Nephrol. 2014; 9(3):553-561. doi: 10.2215/CJN.08420813PMID. *Cited by up to date
- Elfadawy N, Flechner S, Liu X, Schold J, Fatica R, Srinivas T, Poggio E, Avery R and Mossad S. The impact of surveillance and rapid reduction in immunosuppression to control BK virus-related graft injury in kidney transplantation. Transpl Int. 2013; 26(8): 822-32. doi: 10.1111/tri.12134. *Cited by Wikipedia
- Elfadawy N, Flechner S, Liu X, Schold J, Fatica R, Srinivas T, Poggio E, Avery R, Mossad S. CMV Viremia is Associated with a Decreased Incidence of BKV Reactivation After Kidney and Kidney-Pancreas Transplantation. Transplantation, 2013; 96(12): 1097-103. doi: 10.1097/TP.0b013e3182a6890d
- Elfadawy N, Flechner S, Poggio E, Stephany B, Fatica R, Schold J, Mossad S. 25-Hydroxyvitamin D Insufficiency Is Associated with Higher Risk of BK Virus Re-Activation After Kidney Transplantation. [abstract]. Am J Transplant. 2016; 16 (suppl 3).
- Elfadawy N, Flechner S, Schold J. Do Highly Sensitized Recipients Benefit from the Immunological Advantages of Zero Mismatched (0MM) Deceased Donors (DD) Kidney Allografts? [abstract]. Am J Transplant. 2016; 16 (suppl 3).
- Zaky Z, Yu C, Elfadawy N, Chiesa-Vottero A, Herlitz L, Flechner S, Poggio E. Implications of Subclinical Borderline Acute Cellular Rejection Detected in Protocol Biopsies on Graft Outcomes. Am J Transplant. 2016;16 (suppl 3).
- Askar M, **Elfadawy N**, Flechner S, Abu-Elmagd K, Fung J, Schold J. HLA-Cw Mismatches Are Not Associated With Worse Graft Outcomes After Kidney Transplantation Even in High Levels of Antigen Expression [abstract]. Am J Transplant. 2015; 15 (suppl 3).
- Elfadawy N, Flechner S, Liu X, Schold J, Fatica R, Srinivas T, Poggio E, Avery R and Mossad S. What is the Best Treatment for BK Viremia after Kidney Transplantation: results of a 5-year screening study. American Journal of Transplantation 2013, 13- S5: 29–206. doi: 10.1111/ajt.12265
- Elfadawy N, Flechner S, Liu X, Schold J, Fatica R, Srinivas T, Poggio E, Avery R and Mossad S. Prospective Surveillance of Kidney Transplant Recipients for BK Viremia Can Reduce or Eliminate BK Virus Associated Nephropathy (BKVAN) Related Graft Loss: results of a 5-year screening study. American Journal of Transplantation 2013, 13-S5: 207–554. doi: 10.1111/ajt.12266
- Elfadawy N, Flechner S, Liu X, Schold J, Fatica R, Srinivas T, Poggio E, Avery R and Mossad S. The association between CMV infection and subsequent BKV infection after kidney and kidney pancreas transplant a 4.5 years single center experience. American Journal of Transplantation 2013, 13-S5: 207–554. doi: 10.1111/ajt.12266
- Elfadawy N, Flechner S, Schold J, Srinivas T, Poggio E. Bk-Virus and the Impact of Transient versus Persistent BK Viremia on Graft Function and Survival after Kidney and Kidney/Pancreas Transplantation – 5-Year Results. J Am Soc Nephrol 2013, 24: 846
- Elfadawy N, Flechner S, Wee A et al. The Clinical Relevance of HLA Cw, DQ and DP Mismatches Among The Zero HLA A, B and DR Mismatched Deceased Donor (DD) Kidney Transplant Population. American Journal of Transplantation 2014, 14 (S3), 127
- Elfadawy N, Flechner S, Mossad S et al. Treatment of BK Viremia and Subsequent Graft Rejection A Double-Edged Sword Clinical Decision. American Journal of Transplantation 2014, 14 (S3), 553

- Elfadawy N, Flechner S, Mossad S et al. Early But Not Late BK Viremia Is Associated With Worse Graft Outcomes After Kidney Transplantation. American Journal of Transplantation 2014, 14 (S3), 554
- Medhat Askar, Gabriella Diaz, Nissreen Elfadawy, Lynne Klingman, Dawn Thomas, Andres Chiesa-Vottero, Stuart Flechner, and Emilio Poggio. PRIMARY GRAFT DYSFUNCTION AFTER 0 MM KIDNEY TRANSPLANTATION SECONDARY TO ACUTE CELL MEDIATED REJECTION. Human Immunolgy 2014, 75,130. DOI: 10.1016/j.humimm.2014.08.177
- Elfadawy N, Diaz G, Chiesa-Vottero A, Poggio E, Fatica R, Nurko S, Stephany B, Flechner S, and Askar M. Primary Graft Dysfunction Secondary to Early Cell Mediated Rejection after Zero Mismatch Kidney Transplantation. J Am Soc Nephrol 2014, 25, 808
- Elfadawy N, Flechner S, Lalli P, Schold J, Poggio E, Fatica R, Nurko S, Stephany Askar A. HLA -DP Mismatch among the Zero HLA -A, -B, and -DR Mismatched Deceased Donor Kidney Transplant Population Is Associated with Higher Risk of Both Graft Rejection and Death Censored Graft Loss. J Am Soc Nephrol 2014, 25, 352
- Naga S, Mowafy M, Ammar Y, and **Elfadawy N**. Role of Plasma Refill Rate, Its Determinants, and Some Other Variables in Pathogenesis of Intradialytic Hypotension. JMRI, 2008; Vol. 29 No.1: (44-54)
- Elfadawy N, Naga S, Mowafy M, Ammar Y. Effect of serum albumin level on plasma refill rate and hemodynamic stability during hemodialysis. Master degree thesis, 2007.

Oral presentations in national meetings

- The Association between Rapid BK Viremia Clearance and Graft Rejection in Kidney and Kidney/Pancreas Transplant Recipients. Oral presentation. ASN 2016 – Chicago/IL - USA
- 25-Hydroxyvitamin D Insufficiency Is Associated with Higher Risk of BK Virus Re-Activation After Kidney Transplantation. Oral presentation. ATC 2016 – Boston – MA/USA
- Untreated Borderline Graft Rejection Detected in The Protocol Biopsy Might be Associated with Worse Graft Outcomes after Kidney Transplantation. Oral presentation. ATC 2016 – Boston – MA/USA
- Early T cell mediated intimal arteritis after zero mismatch kidney transplantation– A case report. **Oral presentation.** Transplant diagnostics COP Cutting-Edge Consultation in Transplant Diagnostics ATC 2015 Philadelphia PA/USA.
- HLA-Cw Mismatches Are Not Associated with Worse Graft Outcomes after Kidney Transplantation Even in High Levels of Antigen Expression. Oral presentation - ATC 2015 – Philadelphia – PA/USA.

- The Clinical Relevance of HLA Cw, DQ and DP Mismatches Among The Zero HLA A, B and DR Mismatched Deceased Donor (DD) Kidney Transplant Population. Oral presentation – World Transplant Congress (WTC) 2014- San Francisco – CA/USA.
 *Young investigator award winner
- BK virus after kidney and kidney pancreas: An update from the Cleveland Clinic. Oral presentation "Advances in Organ Transplantation" annual fellows conference Boston 2014 MA/USA
- Primary Graft Dysfunction after 0MM Kidney Transplantation Secondary to Early Biopsy Proven Acute Cell Mediated Rejection- Case report. Oral presentation - ASHI workshop – Seattle/WA 2014
- BK virus after kidney and kidney/pancreas transplantation: An update from the Cleveland Clinic. Oral presentation - Nephrology grand rounds 2014

 The Cleveland Clinic – Ohio
- What is the Best Treatment for BK Viremia after Kidney Transplantation: results of a 5year screening study. Oral presentation. American Transplant Congress (ATC) 2013 – Seattle/WA – USA

Poster presentations in national meetings

- Trajectory of kidney function in patients bridged to heart transplantation with continuous flow left ventricular assist device (LVAD)- analysis of 2480 patients. ASN 2017. ASN 2017. New Orleans LA - USA
- Red Cell Distribution Width as a Biomarker of Cardiovascular Disease in Patients with Chronic Kidney Disease. ASN 2016 – Chicago/IL – USA – Kidney STARS award winner - ASN 2016. Chicago/IL-USA *(Kidney STARS award winner ASN 2016)
- "Do Highly Sensitized Recipients Benefit from the Immunological Advantages of Zero Mismatched (0MM) Deceased Donors (DD) Kidney Allografts?" poster presentation. ATC 2016. Boston/MA- USA
- Outcomes of Zero mismatched deceased donors kidney transplant in recipients with panel reactive antibodies (PRA) more than 80%. CEOT meeting. Phoenix/Arizona – USA. * Young innovator award winner

- 25-Hydroxy vitamin D Insufficiency is Associated with Higher Risk of BK Virus Reactivation after Kidney Transplantation. Poster presentation. ASN kidney week - 2015. San Diego/CA – USA
- Acute Tubular Necrosis Changes in Living Kidney Donor Implant Biopsy Associates with Higher Rejection Rates Post-Transplant. ASN kidney week - 2015. San Diego/CA – USA
- Incidence and risk factors of emergency department (ED) visits after kidney transplantation. Poster presentation. ATC 2015 – Philadelphia – PA/USA *(best poster award)
- The United Network of Organ Sharing (UNOS) defined zero HLA Mismatched (0MM) Deceased Donor (DD) Kidney Transplant is not Really Zero Mismatched. Poster presentation. CEOT 2015. Arizona/USA *Young innovator award winner.
- Early but not late BK viremia is associated with worse graft outcomes after kidney transplantation. Poster presentation WTC 2014 San Francisco CA/USA
- Treatment of BK viremia and subsequent graft rejection A double-edged sword clinical decision. Poster presentation – WTC 2014 – San Francisco – CA/USA. *Poster of distinction award winner
- Primary Graft Dysfunction Secondary to Early Cell Mediated Rejection after Zero Mismatch Kidney Transplantation. Poster presentation – ASN 2014 – Philadelphia – PA/USA
- HLA -DP Mismatch among the Zero HLA -A, -B and -DR Mismatched Deceased Donor Kidney Transplant Population is Associated with Higher Risk of Both Graft Rejection and Death Censored Graft Loss. Poster presentation – ASN 2014 – Philadelphia – PA/USA. *Travel grant winner
- Prospective Surveillance of Kidney Transplant Recipients for BK Viremia Can Reduce or Eliminate BK Virus Associated Nephropathy (BKVAN) Related Graft Loss: results of a 5-year screening study. Poster presentation – ATC 2013 – Seattle/WA – USA
- The association between CMV infection and subsequent BKV infection after kidney and kidney pancreas transplant – a 4.5 years single center experience. Poster presentation – ATC 2013 – Seattle/WA – USA

• BK virus and the impact of transient versus persistent BK viremia on graft function and survival after kidney and kidney pancreas transplantation – 5 year results– Poster presentation- ASN kidney week 2013 – Atlanta/GA – USA. *Travel award winner

<u>Skills</u>

- Computer skills

- JMP software
- Statistical designs/analysis
- Data base analysis/outcome research
- Research Electronic Data Capture "REDCap" software
- Microsoft Office (words, excel, power point, etc.)
- Macintosh (Words, Keynote, Pages)
- Experience in Electronic Medical Records EMR e.g: "EPIC, EDIT, GAIA, CPRS, UH care, UNOS, INTERMACS"

- Language skills

- Arabic Language (Fluent spoken and written)
- English Language (Excellent spoken and written)

- Communication skills

- Strong communication and social skills.
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Scientific courses and meetings:

- The American Transplant Congress (ATC) 2019 Boston/MA- USA
- Kidney week 2019 ASN Washington DC USA
- Kidney week 2017 ASN New Orleans/LA- USA
- Kidney week 2016- (ASN) Chicago/IL USA
- Nephrology updates Cleveland/Ohio USA 2016
- The American Transplant Congress (ATC) 2016 Boston/MA- USA
- Cutting Edge of Transplantation (CEOT) meeting 2016– Phoenix/Arizona USA

- ASN Kidney week San Diego/CA USA 2015
- The American Transplant Congress (ATC) Philadelphia PA 2015
- Cutting Edge of Transplantation (CEOT) meeting 2015– Phoenix/Arizona USA
- The kidney week (ASN) Philadelphia/PA USA 2014
- World Transplant Congress (WTC) San Francisco CA 2014
- Annual Fellows Conference: Advances in Organ Transplantation. Boston-MA/USA 2014
- The American Transplant Congress (ATC) Seattle/Washington USA 2013
- The transplant fellow symposium (AST) Grapevine / Texas USA 2013
- The origins of renal physiology (ASN) MDIBL / Maine 2013 USA
- The kidney week (ASN) Georgia/Atlanta USA 2013
- Nephrology updates Cleveland/Ohio USA 2012
- The renal physician association updates New Orleans/ Louisiana USA 2013
- Nephrology updates- Cleveland/Ohio USA 2013

Training courses:

- Effective Health Communication: Cleveland Clinic 2014
- JMP statistics training course: Cleveland Clinic 2011
- REDCap training course: Cleveland Clinic2011
- EPIC training course: Cleveland Clinic 2011
- Introduction to Clinical Research course Cleveland Clinic (September December 2011)
- CITI Cleveland Clinic (Collaborative Institutional Training Initiative) 2011/2015
- Effective Teaching: University of Alexandria Egypt 2008
- Communication Skills: University of Alexandria Egypt 2008
- University Administration: University of Alexandria Egypt 2008
- Research Methodology: University of Alexandria Egypt 2008
- Time & Conference Management: University of Alexandria Egypt 2007
- Financial & Legal Affairs: University of Alexandria Egypt 2008
- SPSS training course: University of Alexandria Egypt 2007

Additional Qualifications:

- "Distinguished Educator Certified" The Transplantation Society TTS 2014
- iBT TOEFL 2012
- GRE general revised test 2012
- USMLE steps 1, 2 CK, 2 CS, 3
- ECFMG certified 2010

Professional References:

Dr. Mahboob Rahman, MD

Professor of Medicine Chief, Division of Nephrology and Hypertension Centers for Dialysis Care's Leonard C. Rosenberg Renal Research Foundation Master Clinician in Nephrology Vice Chair, Department of Medicine (Clinical Research) University Hospitals Cleveland Medical Center Case Western Reserve University Louis Stokes Cleveland VA Medical Center Cleveland, OH 44106-5048 Email: Mahboob.Rahman@UHhospitals.org Phone: (216) 844-8060 Fax: (216) 844-5204

Keith Armitage, MD

Professor of Medicine, Case Western Reserve University Vice Chair for Education, Department of Medicine, University Hospitals Case Medical Center Director, Internal Medicine Residency Training Program, University Hospitals Case Medical Center Division of Infectious Diseases & HIV Medicine Email: <u>Keith.armitage@uhhospitals.org</u> Phone: 216.844.1709 Fax: 216.844.1632

Brian Stephany, MD

Clinical kidney transplant fellowship program director Staff Member in the Department of Nephrology and Hypertension at the Glickman Urologic and Kidney Institute – Cleveland, Ohio Email: <u>STEPHAB@ccf.org</u> Phone: 216.630.0904 Fax: 216.444.9378

Emilio Poggio, MD

Associate Professor of Medicine Medical Director, Kidney and Pancreas Transplant Program Glickman Family Chair in Renal Transplantation Director, Renal Function Laboratory Department of Nephrology and Hypertension - Q7-103 Glickman Urological and Kidney Institute Email: <u>Poggioe@ccf.org</u> Phone: 216-659-2734 Fax: 216.444.9378

Stuart Flechner, MD

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Jesse Schold PhD

Associate Staff, Health Outcome Research and Clinical Epidemiology, Department of Quantitative Health Sciences. Director of Outcomes Research and Medical Informatics, Kidney and Kidney/Pancreas Transplantation Glickman Urological and Kidney Institute Department: Quantitative Health Sciences Email: Scholdj@ccf.org