

ALICIA KOPLOWITZ ADVANCE TRAINING FELLOWSHIPS - 2020 CALL

Centre: Bellevue Hospital Center, NYU Langone Health.

Tutor: Prof. Francisco Xavier Castellanos, MD

Research Area:

- Please list and provide a brief explanation of the research projects that are currently being conducted in your department and in which the future fellows could take part in?

As one of only two independent departments of Child and Adolescent Psychiatry in the United States, the Bellevue/NYU Advanced Training Fellowship takes advantage of its varied research and clinical programs. Currently active research projects are listed below:

DEPARTMENT OF CHILD AND ADOLESCENT PSYCHIATRY JANUARY 2020

IMPLEMENTATION AND DISSEMINATION SCIENCE

The Center for Trauma Recovery and Juvenile Justice

Principal Investigator: Carly Baetz, Ph.D., J.D.

Sponsor: SAMHSA subcontract (UConn)

Improving the Value of Publicly Funded Mental Health Care

Principal Investigator: Molly Finnerty, M.D.

Sponsor: National Institute of Mental Health R01 subcontract (RAND)

Improving Minority Health Through Monitoring of Disparities in Medicaid Care

Principal Investigator: Molly Finnerty, M.D.

Sponsor: National Institute of Minority Health and Health Disparities R01 subcontract (RAND)

Accelerator Strategies for States to Improve System Transformations Affecting Children, Youth and Families

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: National Institute of Mental Health P50

Evidence Based Treatment Dissemination Center (EBTDC)

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: NYS Office of Mental Health

Family Groups for Urban Youth with Disruptive Behavior

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: National Institute of Mental Health R01 subcontract (NYU School of Social Work)

OnTrackNY's Learning Healthcare System

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: National Institute of Mental Health R01 subcontract (Research Foundation for Mental Hygiene)

Navigating Resource-Constrained Systems and Communities to Promote the Behavioral Health of Black Youth

Principal Investigator: Mary Acri, Ph.D.

Sponsor: National Institute of Mental Health R01 subcontract (Washington University)

Scaling-Up Stepped Care for Women's Mental Health in Primary Care in an LMIC

Principal Investigator: Mary Acri, Ph.D.

Sponsor: National Institute of Mental Health R01 subcontract (University of Illinois)

Clinic Technical Assistance Center (CTAC)

Principal Investigator: Sarah Horwitz, Ph.D.

Sponsor: New York State Office of Mental Health

Adult Technical Assistance Center (ATAC)

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: New York State Office of Mental Health

Managed Care Technical Assistance Center (MCTAC)

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: New York State Office of Mental Health

National Collaborative for Innovation in Quality Measurement: Implementing and Improving (NCINQ II)

Principal Investigator: Kimberly Hoagwood, Ph.D.

Sponsor: Agency for Healthcare Research and Quality (National Committee for Quality Assurance)

NEURODEVELOPMENTAL DISORDERS

Multimethod Measurement of Proximal Risk for Persistent Suicide Ideation and Future Attempts among Adolescents

Principal Investigator: Argelinda Baroni, M.D

Sponsor: National Institute of Mental Health R01 subcontract (Hunter)

Neuronal Correlates of Autistic Traits in ADHD and Autism

Principal Investigator: F. Xavier Castellanos, M.D

Sponsor: National Institute of Mental Health R01 subcontract (Child Mind Institute)

Neural Signatures of Outcome in Preschoolers with Autism

Principal Investigator: F. Xavier Castellanos, M.D

Sponsor: National Institute of Mental Health R01 subcontract (Child Mind Institute)

Early Life Exposure to Metal Mixtures and Neuroimaging of Internalizing Behaviors in Childhood

Principal Investigator: F. Xavier Castellanos, M.D

Sponsor: National Institute of Mental Health R01 subcontract (Mt. Sinai)

Impact of Circadian Misalignment on Energy Balance Regulation

Principal Investigator: F. Xavier Castellanos, M.D

Sponsor: National Institute of Health R01 subcontract (Columbia University)

Effect of Long-term Sleep Restriction on Energy Balance

Principal Investigator: F. Xavier Castellanos, M.D

Sponsor: National Heart, Lung and Blood Institute R01 subcontract (Columbia University)

Examining Adolescent Outcomes of Severe Temper Outbursts in Childhood

Principal Investigator: F. Xavier Castellanos, M.D.

Sponsor: National Institute of Mental Health R15 subcontract (Fordham University)

Brain Plasticity Underlying Acquisition of New Organizational Skills in Children

Principal Investigator: F. Xavier Castellanos, M.D.

Sponsor: National Institute of Mental Health R33

Neurobehavioral Basis of Attention Bias Heterogeneity in Adolescent Anxiety

Principal Investigator: Amy Roy, Ph.D.

Sponsor: National Institute of Mental Health R56 Subcontract (Hunter College)

In utero Assessment of the Human Neural Connectome and Later Child Behavior

Principal Investigator: Moriah Thomason, Ph.D.

Sponsor: National Institute of Mental Health R01

Investigation of Opiate Exposure and Neurodevelopment (iOPEN)

Principal Investigator: Moriah Thomason, Ph.D.

Sponsor: National Institute on Drug Abuse R34

Evaluation of Organization Skills Training Program for Upper Elementary Students

Principal Investigator: Richard Gallagher, Ph.D.

Sponsor: Institute of Education Sciences subcontract (Children's Hospital of Philadelphia)

STRESS, TRAUMA and RESILIENCE

NYU Center for Child Welfare Practice Innovation

Principal Investigator: Glenn Saxe, M.D.

Sponsor: SAMHSA

Computational Models for the Prediction and Prevention of Child Traumatic Stress

Principal Investigator: Glenn Saxe, M.D.

Sponsor: National Institute of Mental Health R01

The Center for the Treatment of Development Trauma Disorders

Principal Investigator: Glenn Saxe, M.D.

Sponsor: SAMHSA subcontract (UConn)

EMOTIONAL BRAIN INSTITUTE

Maternal Influence over Prefrontal Cortex and Transition to Independence

Principal Investigator: Regina Sullivan, Ph.D.

Sponsor: National Institute of Mental Health R37

Neural Circuitry and Plasticity for Maternal Behavior

Co-Principal Investigator: Regina Sullivan, Ph.D.

Sponsor: National Institute of Child Health and Human Development R01

Cortical Processing

Principal Investigator: Donald Wilson, Ph.D.

Sponsor: National Institute of Health R01

Ajinomoto Consultation

Principal Investigator: Donald Wilson, Ph.D.

Sponsor: Ajinomoto Co., Inc.

Brain Circuits of Outcome-dependent vs. Habitual Avoidance

Principal Investigator: Chris Cain, Ph.D.

Sponsor: National Institute of Mental Health R01

OTHER RESEARCH

Autism Clinical Pathway Training

Principal Investigator: Lauren Donnelly, Ph.D.

Sponsor: New York City Council Autism Initiative

Metformin for Overweight and Obese Children and Adolescents with Bipolar Spectrum Disorders Treated with Second-generation Antipsychotics

Principal Investigator: Glenn Hirsch, M.D.

Sponsor: PCORI subcontract (Northwell)

NYS Regional Centers for Autism Spectrum Disorders to Provide Education/Training and Technical Assistance

Principal Investigator: Rebecca Doggett, Ph.D.

Sponsor: NYS Department of Education subcontract (SUNY University at Albany)

Behavioral Consultation to ADAPT Preschool Programs

Principal Investigator: Rebecca Doggett, Ph.D.

Sponsor: ADAPT Community Network

NEST Training and Consultation (ASD NEST Support Project)

Principal Investigator: Michelle Lee, Ph.D.

Sponsor: NYC Department of Education subcontract (NYU Steinhardt School of Culture, Education and Human Development)

Expanding Trauma-Informed Care within New York Juvenile Detention

Principal Investigator: Carly Baetz, Ph.D., J.D.

Sponsor: SAMHSA

SNUG Outreach

Principal Investigator: Susan Hansen, Ph.D.

Sponsor: New York State Division of Criminal Justice Services

The NYU Langone Health New York/New Jersey Tourette Disorder Educational Awareness Initiative

Principal Investigator: Rebecca Berry, Ph.D.

Sponsor: Tourette Association of America

Building the Capacity for Evidence-Based Early Child Mental Health Services across New York City Health + Hospitals

Principal Investigator: Erica Willheim, Ph.D.

Sponsor: Child Welfare Fund

Beyond active research studies, Alicia Koplowitz Advanced Training Fellows also have access to unique archival datasets that continue to be a resource for original and impactful scientific contributions. The most remarkable of these is the 33-year follow-up of individuals diagnosed with attention-deficit/hyperactivity disorder at an average age of 8 years, the comparison individuals who were recruited during adolescence from the same communities, 270 of whom had brain-imaging scans at an average age of 41.^{1,2} These rich archival data include blinded clinician reports from multiple waves of longitudinal assessments, and have resulted in original observations, such as the novel discovery by a prior Alicia Koplowitz Advanced Training Fellow that ADHD in childhood is associated with an increased risk of homelessness (Garcia-Murillo et al. (2016)).³

- [In relation to those research projects, please specify the activities in which the fellows will be able to take part? \(e.g., data collection, hypothesis formulation, data analyses, writing up papers, etc.\)](#)

The specific roles that Alicia Koplowitz Advanced Training Fellows can take vary depending on the study, the Fellow's background and the stage of the project. Certainly, all phases of research (e.g., data collection, hypothesis formulation, data analyses, and writing up results for publication) are available. Dr. Castellanos is available to link Alicia Koplowitz Advanced Training Fellows to specific project principal investigators, to assure a mutually beneficial result. Given the long lead-time for obtaining approvals for participating in human subjects research, determining the preferred domain of research as early as possible is recommended. This approach has been successful in the past.⁴⁻¹²

The focus of the Advanced Training Fellowship is on advancing each Fellow's specific goals and objectives. Given the urgency of expanding the knowledge base in Child and Adolescent Psychiatry, we prioritize academic productivity, including developing required technical skills, and becoming even more proficient in writing and publishing peer-reviewed manuscripts in English. Whenever the opportunity arises, Fellows are supported in the process of organizing and chairing symposiums at international scientific meetings, such as the 2020 Annual Meeting of the Society of Biological Psychiatry.

- [Please specify statistical support available to the fellows for the development of their research activity? \(e.g., statistician input, attendance to statistical courses, skills meetings, etc.\)](#)

All Alicia Koplowitz Advanced Training Fellows are personally and directly tutored by Dr. Castellanos, who although not a statistician, is conversant in mainstream statistical methods. Thanks to the support of the Alicia Koplowitz Foundation, biostatistical support is available to the Advanced Training Fellows as needed, with full access to all major statistical packages, attendance at statistical courses, and specific trainings as required. The Department of Child and Adolescent Psychiatry also has a full-time master's level biostatistician who is available for consultation as needed for specific research projects.

- [How much of the fellows' working time will be dedicated to research activities?](#)

The percent working time dedicated to research varies over the two-year duration of the Advanced Training Fellowship, but is expected to average 50%.

Clinical Area:

- Could you list the type of clinical placements the fellows could attend (e.g., generic outpatient services, inpatient units, specialist teams, etc.)?

Alicia Koplowitz Advanced Training Fellows can participate in clinical care of children and adolescents in specialized inpatient units (one unit specializes in young children, another on young adolescents, and a third on older adolescents; each has 15 beds); in the only Comprehensive Children's Emergency Psychiatry Program (emergency service) in the New York City area, which has up to 6 beds for intensive observation; in the Consultation-Liaison Service, in which children and adolescents with primary pediatric health needs are seen in consultation; and in the outpatient evaluation of children and adolescents in various clinics at the NYU Child Study Center. Fellows are also full participants in the weekly Child Study Center Clinical Case Conference, in which the most challenging cases are presented and discussed by the clinical faculty and psychology and psychiatry trainees.

- Could you describe the fellows' role in relation to participation in assessments and treatments in their clinical placements?

Alicia Koplowitz Advanced Training Fellows can gather clinical information in each of the above clinical settings, and then be part of the team process in which the attending physician and child and adolescent psychiatry fellows think through differential diagnoses and treatment planning that are appropriate for the patient and family.

- What are the requirements for psychiatrists and psychologist in order to be able to have a clinical role?

Psychiatrists and psychologists are not able to have direct or primary clinical roles in New York State because of licensing restrictions, but they are able to participate in the clinical management of complex patients.

- How much of the fellows' working time will be dedicated to clinical work?

Alicia Koplowitz Advanced Training Fellows will dedicate one to two days a week to participating in clinical work, on average.

Academic area:

- Will the fellows be able to join a specific academic programme? If so, could you briefly describe the structure of this programme?

The Alicia Koplowitz Advanced Training Fellows are full participants in all the educational programs provided to Child and Adolescent Psychiatry Fellows and Clinical Child Psychology Interns. They also attend the weekly NYU Child Study Center Grand Rounds program and are included in the lunch discussions with the national and international presenters immediately following. They are also invited to attend a rich and varied program of scientific talks and presentations across the entire range of medical and psychological fields across the various campuses of NYU.

- Will the fellows be able to attend other training courses outside the specific academic programme (e.g., university courses, therapy workshops, etc.)?

Attendance at external courses is encouraged but not required. There are numerous training experiences and workshops available throughout NYU/Bellevue.

- Please specify annual budget available to the fellow for training.

A minimum of US\$10,000 per Alicia Koplowitz Advanced Training Fellow is available for additional expenses required to optimize the Fellows' experiences. These funds can be used to offset additional costs of statistical expertise or software, if required, to pay for research related expenses, such as additional measures, participant fees, or to attend additional scientific conferences, beyond the annual meeting of the American Academy of Child and Adolescent Psychiatry. Recent examples include attending and presenting a poster at the 2020 annual meeting of the American Professional Society of ADHD and Associated Disorders (APSARD). Fellows are also able to take advantage of New York's centrality for scientific meetings, such as the 75th Annual Meeting of the Society of Biological Psychiatry in April 2020. These settings offer exposure to state-of-the-art science, as well as incomparable networking opportunities.

- Please specify the clinical and research supervision offered to the fellow over the 2-years fellowship.

All Alicia Koplowitz Advanced Training Fellows are individually supervised by tutor Castellanos on a weekly basis, in addition to supervision by other clinical and research faculty, as appropriate for each Fellow's program.

Peer-reviewed papers (#3-12) published by prior Alicia Koplowitz Advanced Training Fellows (in **bold**) from their work at NYU/Bellevue.

1. Klein RG, Mannuzza S, Olazagasti MA, et al. Clinical and functional outcome of childhood attention-deficit/hyperactivity disorder 33 years later. *Archives of general psychiatry*. 2012;69(12):1295-1303.
2. Proal E, Reiss PT, Klein RG, et al. Brain gray matter deficits at 33-year follow-up in adults with attention-deficit/hyperactivity disorder established in childhood. *Archives of general psychiatry*. 2011;68(11):1122-1134.

3. **Garcia Murillo L**, Ramos-Olazagasti MA, Mannuzza S, Castellanos FX, Klein RG. Childhood Attention-Deficit/Hyperactivity Disorder and Homelessness: A 33-Year Follow-Up Study. *Journal of the American Academy of Child and Adolescent Psychiatry*. 2016;55(11):931-936.
4. **Garcia Murillo L**, Cortese S, Anderson D, Di Martino A, Castellanos FX. Locomotor activity measures in the diagnosis of attention deficit hyperactivity disorder: Meta-analyses and new findings. *Journal of neuroscience methods*. 2015;252:14-26.
5. **Garcia Murillo L**, Ramos-Olazagasti MA, Klein RG, Mannuzza S, Castellanos FX. Correlates of nicotine dependence in men with childhood attention-deficit/hyperactivity disorder: a 33-year follow-up. *Attention deficit and hyperactivity disorders*. 2018.
6. Linares LO, **Martinez-Martin N**, Castellanos FX. Stimulant and atypical antipsychotic medications for children placed in foster homes. *PloS one*. 2013;8(1):e54152.
7. **Mairena MA**, Di Martino A, **Dominguez-Martin C**, et al. Low frequency oscillations of response time explain parent ratings of inattention and hyperactivity/impulsivity. *European child & adolescent psychiatry*. 2012;21(2):101-109.
8. **Nieto RG**, Castellanos FX. A meta-analysis of neuropsychological functioning in patients with early onset schizophrenia and pediatric bipolar disorder. *Journal of clinical child and adolescent psychology : the official journal for the Society of Clinical Child and Adolescent Psychology, American Psychological Association, Division 53*. 2011;40(2):266-280.
9. **Serrano-Villar M**, Calzada EJ. Ethnic identity: Evidence of protective effects for young, Latino children. *Journal of applied developmental psychology*. 2016;42:21-30.
10. **Serrano-Villar M**, Huang KY, Calzada EJ. Social Support, Parenting, and Social Emotional Development in Young Mexican and Dominican American Children. *Child psychiatry and human development*. 2017;48(4):597-609.
11. **Alvarez-Fernandez S**, Brown HR, Zhao Y, et al. Perceived social support in adults with autism spectrum disorder and attention-deficit/hyperactivity disorder. *Autism research : official journal of the International Society for Autism Research*. 2017;10(5):866-877.
12. **Gomez-Guerrero L**, **Martin CD**, **Mairena MA**, et al. Response-time variability is related to parent ratings of inattention, hyperactivity, and executive function. *Journal of attention disorders*. 2011;15(7):572-582.



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Alicia Koplowitz Advance Training Fellowships – 2020 Call

Centre: Centre for Psychiatry, Imperial College London

Tutor: Dr Dasha Nicholls

Research Area:

- Please list and provide a brief explanation of the research projects that are currently being conducted in your department and in which the future fellows could take part in?

The Unit's research focuses on a number of topic areas and has a number of on-going grant funded research projects. Current research opportunities include:

Disordered eating behaviour across the weight spectrum: Dr Dasha Nicholls works in the field of child and adolescent feeding and eating disorders psychiatry and mental health aspects of obesity. Her work encompasses risk factors, epidemiology and burden, medical risk and complications, and the development and testing of prevention and early interventions for eating disorders and obesity. This work includes experimental studies of neuropsychological factors, such as attention and reward processing, and other biomarkers. Fellows will have the opportunity to work on existing projects or develop their own ideas for research within these areas.

Multimorbidity: Dr Dasha Nicholls is lead for multimorbidity within North West London, overseeing a programme of translational research on the interface between physical and mental health. Research in this area includes potentially working with colleagues in the UK's leading School of Public Health at Imperial College to analyse data from local integrated health datasets, as well as national birth cohorts and twin studies.

Other possible areas of research with Dr Nicholls include the use of artificial intelligence to detect variations in behaviour and emotions in young people, and the impact of social media on young people's mental health.

Adolescent mental health service use: Dr Julia Gledhill is Consultant Child Psychiatrist and Honorary Senior Lecturer. She is the lead for Child and Adolescent Mental Health Research within the Mental Health Trust, as well as joint Training Programme Director. She is investigator on a large national clinical trial investigating the impact of structured assessments on engagement with clinical services. Fellows working with her will have the opportunity to obtain experience in the process of clinical trial management. She also has expertise in research on depression and is well placed to facilitate clinical research with the child and adolescent mental health services linked to Imperial College, including through specialist placements.

Affect dysregulation and self harm: Dr Martina Di Simplicio is Clinical Senior Lecturer in Psychiatry based at the Centre for Psychiatry also works as a Honorary Consultant Psychiatrist.



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Her research takes an experimental medicine and cognitive phenotyping approach to investigate the cognitive processes underlying emotional dysregulation and mood instability across mental disorders. She focuses on young people and vulnerability to mood instability, with the aim of developing innovative early interventions. A special interest of her work is how mental imagery-based cognition, such as episodic future simulation, may contribute to mood instability and self-harm behaviour in young people.

Interface between mental and physical health problems in children: Emeritus Professor Elena Garralda, in collaboration with paediatric colleagues, investigates the psychiatric adjustment of children with a variety of chronic and acute physical disorders who are admitted to hospital. Dr Matthew Hodes investigates psychiatric adjustment in children with allergic disorders, as well as the mental health of unaccompanied refugee children.

Early onset psychosis: Dr Mari Dominguez's research has investigated the epidemiology and clinical presentation of early onset psychosis. By making use of the large Harrow & Hillingdon Early Intervention Service for Psychosis carers dataset, the fellow can get involved in investigating the psychological needs of parents/carers of young people presenting with a first episode of psychosis.

- In relation to those research projects, please specify the activities in which the fellows will be able to take part? (e.g. data collection, hypothesis formulation, data analyses, writing up papers, etc.)

As there are a range of projects running in the unit we are able to offer experience in the full range of research activities outlined (e.g. data collection, hypothesis formulation, data analyses, writing up papers, delivery of therapy in clinical trials, systematic reviewing). We develop a plan with each individual fellow, depending on how their interests and experience best match with the work currently being undertaken in the unit. The vast majority of fellows publish at least one first author paper, and several have gone on to base PhD's on the work they have undertaken at Imperial.

- Please specify statistical support available to the fellows for the development of their research activity? (e.g. statistician input, attendance to statistical courses, skills meetings, etc.)

All the senior academics in the Centre are experienced researchers with the skills & knowledge to support the Fellow in statistical analysis, but in addition the Fellow can access statistical courses, including those for software such as SPSS and STATA. These courses are run at Imperial College and are highly rated by students and staff at Imperial and from other centres in the UK. The Centre for Psychiatry has regular meetings at which all aspects of research are discussed, & this frequently includes statistical queries.

- How much of the fellows' working time will be dedicated to research activities?

The Fellowship at Imperial College is equally split between research & clinical experience, and thus approximately 2.5 days per week are dedicated to research activities.



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Clinical Area:

- Could you list the type of clinical placements the fellows could attend (e.g. generic outpatient services, inpatient units, specialist teams, etc.)?

The clinical component of the Fellowship is linked to the local Child and Adolescent Mental Health Services (CAMHS) which encompasses general child psychiatry clinics, specialist teams such as eating disorders and autism clinics, as well as in-patient services.

The clinical training draws from among the following components:

1. **Assessment, formulation and diagnosis** of child and adolescent disorders seen in general child psychiatric clinics at St Mary's CAMHS and at linked (for training) child and adolescent mental health services in West and North West London.
2. Evidence-based **psychotherapies** for children and adolescents, specifically cognitive-behaviour therapy, family therapy, parent training programmes.
3. Child and adolescent **psychopharmacology**.
4. Individual and group non-directive **psychotherapies**, in-patient milieu therapy, **liaison work** with paediatrics, social services and education
5. **Neuropsychiatry**, specifically autism and related disorders, learning disability, attention deficit hyperkinetic disorders, psychiatric disorders linked to brain disorders such as epilepsy or developmental anomalies.
6. **Psychosomatic disorders**, including eating disorders and chronic fatigue syndrome.
7. **Cultural** child and adolescent psychiatry, including the mental health needs of refugee children
8. **Community psychiatry**, through work with primary mental health workers setting up programmes in schools, with social services (for looked after children) and in the management of children who present in crisis at accident and emergency rooms.
9. **Forensic** child and adolescent psychiatry and legal aspects of and court involvement for **family breakdown**.

Elements of the above components of the clinical training programme are individually tailored to the Fellow working alongside colleagues within the British system. Where Fellows have specific training needs, we try to incorporate these into their programme. This can include placements at clinics outside of the scheme subject to negotiation (for example at Great Ormond Street Hospital or the Maudsley Hospital).

Therefore, in discussion with the Fellow the most appropriate type of placements for them to undertake over the 2-year period will be determined.

- Could you describe the fellows' role in relation to participation in assessments and treatments in their clinical placements?

During the first 2-3 months of the Fellowship the Fellow will join a number of CAMHS clinical teams in the local NHS Trust (Central & North West London NHS Foundation Trust - CNWL) to gain general experience of CAMHS in a UK setting (Dr Sharon Taylor, Dr Julia Gledhill and Dr Dasha Nicholls all work in CNWL). After this induction period Fellows are allocated to specific placements in discussion with the Clinical Lead, (Dr Sharon Taylor). The Fellow is encouraged to fully participate in assessments and interventions.



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- What are the requirements for psychiatrists and psychologist in order to be able to have a clinical role?

The Fellowship at Imperial College is best suited for psychiatrists, however we are also able to accommodate psychologists, and have now done this successfully with 4 psychologist Fellows. An individual from either profession must have completed their respective basic qualifications within Spain before they take up the Fellowship in the UK, and before undertaking any direct clinical work with children and families they will be required to have registered with the UK authority for their profession (the General Medical Council for psychiatrists, and the British Psychological Society for psychologists).

- How much of the fellows' working time will be dedicated to clinical work?

The Fellowship at Imperial College is equally split between research & clinical experience, and thus approximately 2.5 days per week are dedicated to clinical activities.

Academic area:

- Will the fellows be able to join a specific academic programme? If so, could you briefly describe the structure of this programme?

The Fellow will join the long established and highly-rated Academic Programme of the St Mary's Higher Training Scheme for Child and Adolescent Psychiatrists. This runs during term time and consists of weekly full morning teaching on psychological treatment interventions and academic reading seminars. The three-year rolling Academic Programme covers, in a systematic way, the rationale and practice of the main therapies used in child and adolescent psychiatry (e.g., behavioural and cognitive behavioural therapy, family therapy, non-directive individual and group therapy, & psychopharmacology) as well as other relevant skills (e.g., evidence based child and adolescent psychiatry, legal aspects of child and adolescent psychiatry and a management course). The academic reading seminars are co-ordinated with the psychological treatment course and, over a three-year syllabus, cover all aspects of developmental psychopathology through presentations by trainees from a carefully selected reading list. The Academic Programme also includes a series of seminars on research methods, as well as clinical and research presentations. In the past year some elements of teaching have been delivered jointly across the three training schemes of North London, with the highest quality speakers contributing to the training.

- Will the fellows be able to attend other training courses outside the specific academic programme (e.g. university courses, therapy workshops, etc.)?

The Fellow will be supported and encouraged to attend a variety of other training courses and academic conferences, including those organised by the Royal College of Psychiatrists, the Association of Child and Adolescent Mental Health (<http://www.acamh.org.uk>), the Royal Society of Medicine (<http://www.roysocmed.ac.uk/>) and other organisations dedicated to specific psychotherapies. The Fellow will have both a research and a clinical supervisor, and they are very familiar with the courses and conferences that the Fellow will benefit from as they link to both the research and clinical activities the Fellow will be undertaking.

- Please specify annual budget available to the fellow for training.



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The Fellow will have an allocated budget of £1,300 per year to spend on training and conferences.

- Please specify the clinical and research supervision offered to the fellow over the 2-years fellowship.

Dr Dasha Nicholls is the overall supervisor for the Fellowship and will meet regularly with the Fellows. Each Fellow will be allocated an individual clinical supervisor and a research supervisor with whom they will meet on a weekly basis. These are senior professionals – in most cases Dr Sharon Taylor provides clinical supervision and Dr Julia Gledhill, Dr Martina Di-Simplicio, Dr Nicholls or other affiliated research staff provide research supervision. The supervisors will be determined at the start of the Fellowship once the specific clinical and research activities the Fellow will be undertaking have been agreed.



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ALICIA KOPLOWITZ ADVANCE TRAINING FELLOWSHIPS - 2021 CALL

Centre: Karolinska Institutet, Department of Clinical Neuroscience, Child and Adolescent Psychiatry Research Center

Tutor: Dr. David Mataix-Cols

Research Area:

- Please list and provide a brief explanation of the research projects that are currently being conducted in your department and in which the future fellows could take part in?

The fellows will have the opportunity to be involved in cutting edge, innovative research led by internationally recognized academics in the field, including Sven Bölte, Terje Falck-Ytter, Clara Hellner, Henrik Larsson, Brjánn Ljótsson, Mats Lekander, Paul Lichtenstein, David Mataix-Cols, and Eva Serlachius, amongst several others.

The fellows will join and integrate within an existing research team, where they can take time to familiarize themselves with the various ongoing projects before deciding which one(s) to participate in, depending on availability and the interests and motivations of the fellow.

Key areas of research at KI in general, and child and adolescent psychiatry in particular, are:

- Population based epidemiological research using the Swedish national registers (Patient Register, Twin Register, Prescriptions Register, etc.)
- Genetics
- Environmental risk factors
- Neuroimaging
- Clinical trials for a range of clinical groups
- Internet-based cognitive-behavioural therapy for a range of clinical groups, including anxiety, depression, OCD or Tourette syndrome

Strong areas in Child and Adolescent Psychiatry are:

- Neurodevelopmental disorders (e.g., Autism Spectrum Disorders, ADHD)
- Anxiety and affective disorders
- Obsessive-compulsive and related disorders
- Tourette syndrome and chronic tic disorder



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- *Eating disorders*
- *Addictions*
- *Functional gastrointestinal disorders*

- In relation to those research projects, please specify the activities in which the fellows will be able to take part? (e.g. data collection, hypothesis formulation, data analyses, writing up papers, etc.)

This will greatly vary depending on the characteristics and stage of the project that the fellow chooses to be involved in, but it is expected that the fellows will be involved in at least one of the following: study design, data extraction, data management, data analysis, and writing up of the results for publication. Additionally, as members of the research team, the fellows will take part in all periodical meetings regarding the study projects and may also take part in dissemination activities (i.e., presenting the results in scientific conferences or other suitable contexts).

All previous Alicia Koplowitz fellows at Karolinska Institutet have been able to publish their work in top-tier journals, often as first authors. All previous fellows have done their PhDs during or shortly after their fellowships at Karolinska Insitutet.

- Please specify statistical support available to the fellows for the development of their research activity? (e.g. statistician input, attendance to statistical courses, skills meetings, etc.)

Doctoral level courses related to the methodological and statistical skills needed for the development of scientific projects will be available at Karolinska Institutet (with no cost for the fellow). As an example, previous Alicia Koplowitz fellows at KI have taken the following statistical courses:

- *SAS (statistical package for epidemiological studies) for beginners*
- *Basic Course in Medical Statistics*
- *Epidemiology I: Introduction to epidemiology*
- *Epidemiology II: Design of epidemiological studies*
- *Biostatistics I: Introduction for epidemiologists*
- *Biostatistics II: Introduction for epidemiologists*
- *Biostatistics III: Survival analysis for epidemiologists*
- *Writing Science and Information Literacy*
- *To Communicate Science in Different Contexts*



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Additionally, the host research teams will offer further methodological and statistical support via regular meetings and availability for consultation. Some of the research groups have their own inhouse statistical support. For complex projects requiring statistical support that is not available within the research group, the fellows will be able to consult with the Karolinska Institutet Biostatistics Core Facility (<http://www.biostatcore.ki.se/people.htm>).

- How much of the fellows' working time will be dedicated to research activities?

The time dedicated to research can be flexible, according to the training needs of the fellow. However, this is a research-heavy institution and fellows are expected to participate in at least some publishable research. Past fellows have published heavily in top tier journals.

Clinical Area:

*It is **NEITHER COMPULSORY NOR NECESSARY** for the fellows to learn Swedish during the fellowship period in order to have a fruitful time at the Karolinska Institutet. Clinical activities at the Karolinska Institutet are mainly held in Swedish and therefore the fellow's involvement in this area will be linked to their ability to quickly learn the basics of the Swedish language. However, in an increasingly multicultural society, it is not uncommon for patients and families to have other languages like English and even Spanish as their preferred language. Most Swedish families speak excellent English. The Karolinska Institutet is a very international institution. Most of the conferences and training events at Karolinska Institutet are in English.*

- Could you list the type of clinical placements the fellows could attend (e.g. generic outpatient services, inpatient units, specialist teams, etc.)?

The clinical tutor will work with the fellow to organize a meaningful program of study visits to the relevant child and adolescent clinics in Stockholm, including outpatient and inpatient services and generic and specialist teams. This will give fellows a comprehensive understanding of Child and Adolescent Psychiatry Services in Sweden. Specific training needs will be accommodated whenever possible. Some recent examples of our fellows' clinical rotations are:

- *Shadowing/observing first assessments and treatment sessions at the specialist OCD and related disorders clinic, with active involvement in clinical decision-making. 6 months.*
- *Shadowing/observing assessments and medical treatments of patients with "Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcus (PANDAS)" or "Pediatric Acute-onset Neuropsychiatric Syndrome (PANS)" at the specialist Pediatric immunopsychiatry clinic, with active involvement in decision-making. 6 months.*



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- *Clinical rotation at a community Child and Adolescent Mental Health Service, being involved in the diagnosis and treatment of a wide range of psychopathologies in children and adolescents. 40 hours.*
- *Observer of ADOS-2 “Autism Diagnostic Observation Schedule” assessments in individuals with suspected autism at the Center of Neurodevelopmental Disorders at Karolinska Institutet (KIND). 40 hours.*
- *Clinical rotation at the specialist clinic for children and adolescents with psychosis and bipolar disorder. 40 hours.*

- Could you describe the fellows’ role in relation to participation in assessments and treatments in their clinical placements?

The fellow will be able to shadow clinicians in their clinical activities (including both assessments and treatments). A more active participation in the assessment/treatment sessions is also encouraged. As mentioned above, it is not uncommon for patients and families to have other languages like English and even Spanish as their preferred language. This offers unique opportunities for our fellows to actively participate in clinical activities.

- What are the requirements for psychiatrists and psychologist in order to be able to have a clinical role?

After signing a document committing to basic secrecy principles, all clinicians can join clinical activities in an observer capacity and even actively participate in assessments and treatment sessions. However, the responsibility for the patients will always be with the care worker in charge of the patient.

- How much of the fellows’ working time will be dedicated to clinical work?

Time spent in the clinical area can be flexible according to the training needs of the fellow. However, based on experience from previous years, research is typically the main activity requested by fellows coming to Karolinska Institutet.

Academic area:

- Will the fellows be able to join a specific academic programme? If so, could you briefly describe the structure of this programme?

Rather than a rigid training program with pre-determined lectures and seminars, we will work with each fellow to create individually tailored training programs. The fellows will be able to sign up for doctoral-level courses of different duration at the Karolinska Institutet (in English) on clinical skills,



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methodological skills (e.g., medical statistics, epidemiology, biostatistics) and general research skills (e.g., scientific writing, grant writing, communication in science), among others. For a current list of available doctoral courses at KI, see <https://staff.ki.se/course-catalogue-and-vacancies-doctoral-courses>.

- Will the fellows be able to attend other training courses outside the specific academic programme (e.g. university courses, therapy workshops, etc.)?

Apart from the regular academic courses mentioned above, the fellows will be able to attend a large number of other events that may be of interest for their projects or professional development in general. These may include the Stockholm Psychiatry lectures (organized by the Centre for Psychiatry Research), conferences, workshops, study retreats, etc., as well as national and international conferences and academic meetings. Some recent examples of conferences and courses attended by our fellows are:

- American Academy of Child and Adolescent Psychiatry (AACAP). Pediatric Psychopharmacology Update, New York, USA.
- ECNP School of Child and Adolescent Neuropsychopharmacology, Venice, Italy.
- Nordic Child & Adolescent Psychiatric (NordCAP) Research Meeting, Turku, Finland.
- ADOS-2 Autism "Diagnostic Observation Schedule" accreditation, Madrid, Spain.
- "Fokus på autism" conference. Center of Neurodevelopmental Disorders at Karolinska Institutet (KIND). Stockholm, Sweden.

- Please specify annual budget available to the fellow for training.

The annual budget available to the fellow for training will depend on their specific needs and the nature of the project but it cannot exceed the maximum amount allocated to the centre by the Alicia Koplowitz Foundation.

- Please specify the clinical and research supervision offered to the fellow over the 2-years fellowship.

The fellows will be supervised by their hosting team. In addition, there will be more general support and supervision by the following individuals:

Prof David Mataix-Cols (<https://ki.se/en/cns/david-mataix-cols-research-group>) is the coordinator of the Koplowitz Fellows training program at Karolinska Institutet. He will be the first point of contact for all prospective fellows and will help them settle in Stockholm and find the right research and clinical group to host them during their fellowship. He will attend to their training needs, manage their training budget, and troubleshoot any arising difficulties. He will also directly mentor and



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supervise fellows who have an interest in anxiety, obsessive-compulsive and related disorders (OCD, Tourette syndrome, body dysmorphic disorder, hoarding disorder, trichotillomania, skin picking disorder, PANS/PANDAS).

- Dr Lorena Fernández de la Cruz (<http://ki.se/en/people/lorfer>), Senior Researcher at the Karolinska Institutet, and former Alicia Koplowitz fellow herself will offer mentoring and further support in the organization of the fellowship. She will also represent a link with the local tutors in order to guarantee that the aims of the fellowship are being met. Regular supervision meetings will be offered.

- Dr Eva Serlachius (<http://ki.se/en/people/evaser>), child and adolescent psychiatrist and Coordinator of the Child and Adolescence Psychiatry Research Centre, will facilitate desk space, contacts with the various clinics within the Stockholm County Council and arrange necessary permissions for fellows to engage in clinical activities. Her own area of expertise is Internet-delivered interventions for children and adolescents with a range of disorders (<http://www.bup.se/sv/Om-BUP/Forskning/BIP/>). Eva also speaks Spanish.

- Dr Nitya Nitya Jayaram-Lindström (<https://ki.se/en/people/nitjay>), Head of the Division of Psychiatry (Centre for Psychiatry Research), will facilitate the administrative aspects of the fellowships, such as setting up contracts, research accounts, etc. Her own area of research is addictions.



ALICIA KOPLOWITZ ADVANCE TRAINING FELLOWSHIPS - 2020 CALL

Centre: University of Pittsburgh Medical Center, Western Psychiatric Institute & Clinic

Tutor: Dr. Boris Birmaher

Research Area:

- *Please list and provide a brief explanation of the research projects that are currently being conducted in your department and in which the future fellows could take part in?*

- 1) Course and Outcome of Youth with Bipolar Disorder (COBY)- a large longitudinal study (about 17 years) aimed to study the phenomenology, course, predictors of course and functioning of children and adolescents with bipolar disorder
- 2) Structural/Functional Neuroimaging studies in youths with Bipolar Disorder
- 3) Prospective study (about 19 years) focusing on the risk and factors associated with increased risk to develop bipolar disorders in offspring of parents with bipolar disorder. For this study a large sample of offspring of parents with bipolar disorder are being evaluated every other years and compared with a large sample of offspring of community control parents.
- 4) Neuroimaging studies in offspring of parents with bipolar disorder
- 5) Treatments studies for children and adolescents who already have bipolar disorder and offspring of parents with bipolar disorder
- 6) Genetic studies in bipolar disorder

- *In relation to those research projects, please specify the activities in which the fellows will be able to take part? (e.g. data collection, hypothesis formulation, data analyses, writing up papers, etc.)*

The above studies provide to the fellows an opportunity to learn about methodology in research, administration of research instruments, making and maintaining a data base, performing their own statistics (under supervision), and learning to write and publish scientific papers.

- *Please specify statistical support available to the fellows for the development of their research activity? (e.g. statistician input, attendance to statistical courses, skills meetings, etc.)*

The fellows who elect to write papers will work with a statistician who will supervise all analyses. There are statistical classes at the university and school of Public Health in which the fellows can participate.

- *How much of the fellows' working time will be dedicated to research activities?*



It will depend on the interest of the fellow. If the main goal is research, the fellow will spend 100% of her/his time in research. If the main goal is clinical training, the Fellow may spend 100% of her/his time in clinical work. However, even if the fellow is performing clinical work, she/he can also do research

Clinical Area:

- *Could you list the type of clinical placements the fellows could attend (e.g. generic outpatient services, inpatient units, specialist teams, etc.)?*

Our Institution is the only one in all United States that allow the Fellows to do a full rotation and training at the Department of Child Psychiatry for two years. The Koplowitz Fellow attends all classes and rotations as other regular Child Psychiatry residents.

- *Could you describe the fellows' role in relation to participation in assessments and treatments in their clinical placements?*

Also, our institution is the only one in the United States that provides to the Koplowitz Fellow an "Institutional License". This license allows the Fellows, under the supervision of an attending, to interview and follow patients during her/his two years of training.

- *What are the requirements for psychiatrists and psychologist in order to be able to have a clinical role?*

In order to have full training in child psychiatry, the Fellow needs to be a psychiatrist and be very proficient in English (speak, read and write). The Fellow will need to have all clearances and requirements as any other physician at our medical center.

Training in Child Psychiatry is not offered to Psychologists. Similar to the psychiatrists, psychologist can also do research (e.g., write papers, learn a specific interview, and learn statistics). They can also attend classes and conferences at our institute. Given that they do not have a license to practice psychology in the United States they can not interview or treat clinical patients. However, they can interview research participants as apart of a study.

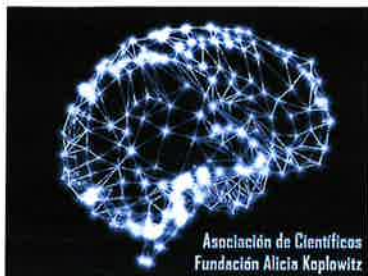
- *How much of the fellows' working time will be dedicated to clinical work?*

It depends on their interest. If the Fellow is mainly interested in pursuing training in Child Psychiatry for two years, as any resident, they will dedicate most of the time to clinical work. However, as other Koplowitz Fellows have done, they can also request time to do research.

Fellows who are mainly interested in research, will dedicate most of the time to research with the option of observing clinical work and attending any academic clinical activities at our center.

Academic area:

- *Will the fellows be able to join a specific academic programme? If so, could you briefly describe the structure of this programme?*



As noted above, our Institution is the only one in the United States that provides training in Child Psychiatry for 2 years to Koplowitz Fellows interested in being trained in Child Psychiatry. The academic curriculum and rotations are the same as for the regular residents in Child Psychiatry.

- *Will the fellows be able to attend other training courses outside the specific academic programme (e.g. university courses, therapy workshops, etc.)?*

Yes, similar to any resident at our Institution they can attend trainings outside our program, attend the annual conference of the American Academy of Child and Adolescent Psychiatry as well as any other conference of their interest.

- *Please specify annual budget available to the fellow for training.*

The annual training budget at our institution is dedicated for the education of all fellows, including the Koplowitz Fellows.

Of note, the KOplowitz fellows do not require any expenses for their training.

Please specify the clinical and research supervision offered to the fellow over the 2-years fellowship.

As noted above, the Koplowitz Fellow will have full clinical supervision if she/he will be part of our Child Psychiatry fellowship. Also, if she/he opts to do research (full time or part time while being trained in Child Psychiatry), she/he will get supervision regarding research instruments, building a data base, maintaining a data base, statistics, writing and publishing a paper, and any other methodological issues necessary to become a researcher.



Supporting information from King's College London

Research Area:

- Please list and provide a brief explanation of the research projects that are currently being conducted in your department and in which the future fellows could take part in?

Current research projects in the Department of Child and Adolescent Psychiatry

- Mental health problems in neurodevelopmental disorders;
- Assessing anxiety in young people: ASD focus;
- Improving outcomes for people with autism spectrum disorders by reducing mental health problems
- Projects offered by the National Academy for Parenting Research (NAPR), ranging from testing different approaches for improving children's social adjustment and reading in primary school, to whether family therapy helps prevent reoffending in adolescents, or whether our in-house programme for foster-carers promotes secure attachment and makes home life easier;
- Functional imaging in normal development and child psychiatric disorders;
- Neuropsychology of impulsiveness;
- Outcome and genetics of ADHD;
- Neurodevelopment and Mental Health group, investigating the earliest signs and the precursors of mental disorders;
- Genetic architecture of disruptive disorders;
- Aetiological risk factors for moderate learning disabilities;
- Effective psychopharmacology in ADHD and hyperkinetic aspects of rare disorders;
- Neuropsychology and neuroimaging studies of ADHD and related childhood disorders;
- Self-Harm;
- Stress & Development Lab, researching how stressful experiences in childhood affect development and later health, and how to best support children who had such traumatic experiences;
- Big data approaches to investigating child mental health disorder outcomes;
- Developing remote platforms (e-platforms) for monitoring children and adolescents' mental health.

This list does not attempt to be exhaustive but provides an overview of the work carried out in the Department of Child and Adolescent Psychiatry at the Institute of Psychiatry, Psychology and Neuroscience (IoPPN). Potential Fellows are encouraged to express their interest in areas that may not be listed above and contact us to discuss whether other research groups could accommodate their requests.

For detailed information about current research projects please visit
<https://www.kcl.ac.uk/ioppn/depts/cap/research/index>

Please also see research conducted at the Social, Genetic and Developmental Psychiatry (SGDP) Centre, an interdisciplinary research centre that focuses on how genetics ('nature') and the environment ('nurture') interact to affect psychiatric disorders, neurodevelopmental conditions, and individual differences across development
<https://www.kcl.ac.uk/psychology-systems-sciences/about/departments/social-genetic-and-developmental-psychiatry>

- In relation to those research projects, please specify the activities in which the fellows will be able to take part? (e.g. data collection, hypothesis formulation, data analyses, writing up papers, etc.)

Fellows will be able to take part in all research activities and will have the opportunity to be first authors on resultant papers.

- Please specify statistical support available to the fellows for the development of their research activity? (e.g. statistician input, attendance to statistical courses, skills meetings, etc.).

Research at the IoPPN receives strong statistical support, both at the departmental and the school level. Fellows will have the opportunity to consult statisticians on a one-to-one basis, to attend statistical courses and skills meetings.

- How much of the fellows' working time will be dedicated to research activities?

This will depend on the fellows' interests. Some of the current fellows spend 100% of their time on research activities and register for a PhD, others prefer to combine research and clinical activities. Typically, Fellows spend 50% time on research and 50% on clinical activities.

Clinical Area:

- Could you list the type of clinical placements the fellows could attend (e.g. generic outpatient services, inpatient units, specialist teams, etc.)?

The fellows will join the South London and Maudsley Higher training scheme in Child and Adolescent Psychiatry, which is the most comprehensive training scheme in the UK in terms of range of conditions and levels of severity.

South London and Maudsley NHS Trust has the most comprehensive child and adolescent mental health service in the country with many national leaders in their fields having a profound influence on our understanding of mental health problems in childhood, on the development of treatment approaches and on service development and evaluation.

The National and Specialist outpatient services are comprised of specialist clinics offering comprehensive assessments, including second opinions and treatment to children and adolescents who suffer from autism, hyperkinetic disorders, developmental disorders with associated emotional and behavioural problems, antisocial behavior & conduct disorders, eating disorders, emerging borderline personality disorders, mood disorders, obsessive compulsive disorders and traumatic stress disorders of childhood and adolescence. In addition, there is a Forensic Mental Health Team, a Forensic Psychology Service, specialist fostering and adoption services and clinical academics who research and treat genetic disorders.

Fellows' preferred clinical training can be selected from several national specialist children's mental health services, which provide care to children both in our local communities and also nationally to those with some of the most challenging and complex conditions across the UK. These are listed as follows (see also <https://www.national.slam.nhs.uk/services/camhs/>):

- **Acorn Lodge Children's Service** offers assessment and treatment for children aged between four and 13 years old, who have a wide range of severe emotional or behavioural disorders, including neurodevelopmental disorders and very early-onset psychosis. We adopt a flexible model, allowing us to accept emergency admissions.
- **Autism and Related Disorders Service** provides assessment and treatment for young people with autism, pervasive developmental disorders and related difficulties. We specialise in treatment for young people where there are particular difficulties in the diagnosis or management of autism
- **Adoption and Fostering Service** provides a specialist service for young people who are fostered or adopted and who are experiencing difficulties. These may relate to their emotional or behavioural development or to more specific placement issues, including failed placements, the degree of contact with siblings or birth family and permanency planning.
- **Anxiety and Trauma Service** is for young people with difficulties caused by intense worrying, fearfulness, phobic avoidance, nervousness and panic. We provide comprehensive diagnostic and family assessments to identify anxiety disorders and the impact they are having on the young person and family's functioning. Where an anxiety disorder is present and requires treatment, we offer consultation about treatment, and provide individual and family-based Cognitive Behavioural Therapy.
- **Bethlem Adolescent Unit** is an open adolescent unit offering mental health care for adolescents with a serious mental illness, who require hospital admission. We have developed a national and international reputation for innovation and have a comprehensive, all hour emergency admission service.
- **Centre for Interventional Paediatric Psychopharmacology (CIPP)** offers highly specialist pharmacological and psychological assessment and treatment for children with a variety of neuropsychiatric disorders, in the context of complex neurodevelopmental disorders, genetic or neurodegenerative disorders, acquired brain injury, psychotropic-induced side-effects and children experiencing specific medical conditions and terminal illnesses.
- **Child Traumatic Stress Service** is for young people with difficulties arising from exposure to traumatic and severely stressful events. We offer specialist diagnostic assessments to identify post-traumatic stress responses, including post-traumatic stress disorder (PTSD), complicated bereavement reactions, and other anxiety and depressive conditions.
- **Centre for Parent and Child Support** provides training, development and supervision in the use of the Family Partnership Model and associated approaches, like the Helping Families Programme, antenatal and postnatal interviewing, and the Empowering Parents, Empowering Communities programme.

- **Chronic Fatigue Service** provides assessment and treatment programmes for young people with chronic fatigue syndrome. We offer evidence- based treatments that are routinely evaluated. Our goal is to increase the young person's functioning and reduce the severity of their fatigue.
- **Challenging Behaviour Service** is for young people with neurodevelopmental disorders and intellectual disability where challenging behaviour is a primary concern. Challenging behaviour includes aggression directed at themselves or others, severe non-compliance and significant destructive behaviour.
- **Complex Autism and Associated Neurodevelopmental Disorders (SCAAND)**. The SCAAND services see young people who have, or might have, neurodevelopmental disorders like autism, attention deficit hyperactivity disorder or learning disability with additional mental health or behaviour problems, as well as young people with psychological problems associated with head injury, functional conditions or genetic conditions. Assessment work includes opinions on ASD and/or additional diagnoses. Management work undertaken by SCAAND can involve a range of modalities including psychological therapies for children/young people and their parents, medication, occupational therapy, speech and language therapy and advice on education. The multi-disciplinary professionals work closely together to ensure that the needs of the child and their family are assessed and managed in a comprehensive manner. Service development and delivery are undertaken in close partnership with children and young people, their families and colleagues from community services, including community and mental health services, paediatrics, social care and education.
- **Conduct Problem Service** helps families with ongoing difficulties with disruptive children and stressful family relationships. We provide assessment and, in the majority of cases, treatment as well.
- **Dialectical Behavioural Therapy Service** specialises in the assessment and treatment of young people who have a history of self-harm and symptoms associated with borderline personality disorder such as impulsiveness, unstable relationships, anger, difficulties controlling emotions and feelings of emptiness.
- **Eating Disorder Service** helps patients and their families explore the nature of the eating disorder, the impact it is having, and find ways in which the family can help the young person overcome their problems. Our treatment is provided mainly on an outpatient basis by a multidisciplinary team.
- **Forensic Mental Health Service** provides specialist forensic services, treating complex and high-risk cases. Many of the young people we work with are vulnerable, and present with severe psychopathology.
- **Forensic Psychology Service** offers evidence- based assessment and interventions for young people who are engaged in, or present significant risk of serious violence, fire-setting and sexually inappropriate behaviour. Young people who present with an emerging anti-social or borderline personality disorder alongside their offending behaviour are also seen by our service.
- **Kent and Medway Adolescent Unit** is an open adolescent unit, offering mental health care for adolescents with a serious mental illness who require hospital admission. We work alongside our sister units that have developed national and international reputations for innovation, including the introduction of a comprehensive, all hour emergency admission service.
- **Mood Disorder Service** provides a service for young people whose primary problem is a mood disorder. This includes young people presenting with a first episode of depression, chronic and severe treatment-resistant depression, seasonal affective disorder, chronic and physically ill young people who develop depression, and complex diagnostic issues involving mood and bipolar disorders.
- **Obsessive Compulsive Disorder (OCD) Service** provides assessment and treatment for young people with OCD and related conditions, including Body Dysmorphic Disorder (BDD), tic disorders, Tourette's syndrome, anxiety and habit disorders, such as trichotillomania. We also assess and treat OCD related anxiety disorders in young people with a developmental disorder, e.g. autism spectrum disorders or neurological conditions. The OCD Service provides a range of evidence-based care packages, tailored to meet the needs of the young person and their parents or carers. Many of the young people that are seen are offered individual cognitive behavioural therapy (CBT), which may involve parents or carers and other family members. The Service has an active research programme and is committed to increasing knowledge and understanding of OCD, BDD and related disorders. Further details can be found at: <https://slam.nhs.uk/national-services/child-and-adolescent-services/camhs-ocd/>
- **Paediatric Liaison Service** treats young people with medical conditions who also have psychological difficulties and psychiatric illnesses. We often see young people who are undergoing transplant assessments, have difficulties taking medication or adhering to special diets, somatisation disorders, coping with pain, trauma following illness or injury, anxiety, depression, grief and bereavement, treatment after serious assault and medically unexplained physical symptoms.
- **Snowfields Adolescent Unit** is an open adolescent unit offering mental health care for adolescents with a serious mental illness, who require hospital admission.
- **Supported Discharge Service** works to reduce overall length of inpatient stay and improve quality of care, by providing a care pathway back to outpatient services for young people who have been admitted as inpatients. We offer intensive, short-term, solution-focused therapeutic work including home treatment, day care and intensive case management.

- Could you describe the fellows' role in relation to participation in assessments and treatments in their clinical placements?
 - So long as Fellows are competent and receive the right regulatory approvals, they act as senior doctors in training and conduct assessments and treatments, under supervision.

- What are the requirements for psychiatrists and psychologists in order to be able to have a clinical role?
 - There is some documentation to be submitted in order to register with the General Medical Council and other certification that clinical Fellows need to obtain to prove that they do not have any convictions for abusing children. All professionals having contact with children and young people must complete a Disclosure and Barring Service check.

- How much of the fellows' working time will be dedicated to clinical work?
 - This is for negotiation but Fellows' working time is typically 50% clinical and 50% research, depending on the Fellow's needs and plans for a career progression.

Academic area:

- Will the fellows be able to join a specific academic programme? If so, could you briefly describe the structure of this programme?

The Fellows will join the South London and Maudsley Higher training scheme in Child and Adolescent Psychiatry, which is the most comprehensive training scheme in the UK in terms of range of conditions and levels of severity. The fellows will also have the opportunity to attend specific modules on the MSc in Child and Adolescent Mental Health and MSc in Family Therapy. Diploma level trainings for clinicians developing their skills in evidence-based therapies are available: (1) CBT for anxiety and depression, (2) Parent Training for children with behaviour difficulties and (3) Systemic Family Practice for eating disorders, adolescent depression and self-harm and adolescent conduct problems. The department offers training in delivering guided self-help and low intensity interventions, the Child Wellbeing Practice Programme.

- Will the fellows be able to attend other training courses outside the specific academic programme (e.g. university courses, therapy workshops, etc.)?

In additions to departmental lectures and seminars, Fellows will have access to all IoPPN weekly Grand Rounds, that present, and allow for discussion of, the medical problems and treatment of a particular patient and Journal clubs, where psychiatry experts critically appraise research, in an informal setting where no question is off-limits. Examples of other current events fellows will be able to attend are as follows:

Reading the Mind: The Body Keeps The Score by Bessel Van Der Kolk

Tuesday 25th August 2020 (18:00-19:30)

MS Teams

Reading the Mind group meets on a regular basis to discuss a new and thought provoking book.

Practical skills for peace of mind: Stress awareness

Monday 7th September 2020 (13:00-17:00)

Online Delivery via Zoom

As part of the happier@work initiative, King's Health Partners' employees are invited to a series of ½day stress awareness workshops exploring practical approaches to stress relief.

Reflections on virtual clinics and patient perspectives of integrated mind/body care

Friday 11th September 2020 (13:00-14:00)

MS Teams

The IMPARTS project runs a series of termly seminars, addressing some of the current research and clinical work happening within King's Health Partners. The seminars focus on the physical/mental health interface and are designed for students, researchers and clinicians.

happier@work: A one-day workshop for flourishing in the workplace

Monday 14th September 2020 (09:30-16:00)

Online Training Delivery via Zoom

A one-day workshop to increase staff awareness, knowledge and capacity to improve well-being at work and as a result, improve patient experience.

SEMantics talk: Socioeconomic position and use of hospital-based care towards the end-of-life: mediation analysis using the English Longitudinal Study of Ageing

Tuesday 15th September 2020 (15:00-16:00)

MS Teams

SEMantics is a structural equation modelling applications discussion group.

- Please specify annual budget available to the fellow for training.

The annual budget available to Fellows for training is £ 2500. Particular courses and trainings that fit with the needs of individual Fellows are frequently identified and the Fellow's training budget is used to allow them to attend these. Examples include, ADOS training for autism assessments or specific statistical courses. These are only to provide examples of the diversity of training available either locally or within London.

- Please specify the clinical and research supervision offered to the fellow over the 2-years fellowship.

The IoPPN's Department of Child and Adolescent Psychiatry is a centre where world-class research, education and clinical practice are brought together for the benefit of patients. Koplowitz Fellows will have the opportunity to work with leading researchers and clinicians to ensure that patients receive the very best care and treatment based upon reliable research evidence. All Fellows become involved in conducting both rigorous and clinically relevant research that is tailored to their individual needs and interests.

Supervisors and fellows are carefully matched to meet the needs and interests of each Fellow during their period of training with us. Supervisors come from one of the largest constellations of academic psychiatrists in the UK, with interests including, but not limited to, neurodevelopmental disorders, child and adolescent mental health, digital therapeutics for mental disorders, social, genetic and developmental psychiatry, early onset psychosis, brain development and neuroimaging.

For more details about supervisors in the Department of Child and Adolescent Psychiatry please visit <https://www.kcl.ac.uk/academic-psychiatry/about/departments/child-adolescent-psychiatry>.