

CENTRE FOR RESEARCH IN ECONOMICS AND BUSINESS (CREB)

Research Plan 2024-2029

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Centre for Research in Economics and Business (CREB) Research Plan

Vision

To be a world class research center producing cutting edge research in Economics and disseminating ideas and solutions for sustainable and equitable development, particularly for the poor, women and other vulnerable groups.

Mission Statement

CREB's mission is to:

- Produce high quality research with meaningful policy impact, build capabilities of its researchers, and engage with academics, practitioners and policy makers on issues of importance for economic development in Pakistan and the world.
- Contribute to Lahore School's overall mission by supporting high quality research of its graduate programs, ensuring that its researchers meet the international ethical standards, effectively managing its Research Development Fund grants programme and ensuring that international conferences participated by faculty under its training programme meet its academic standards.

Objectives:

CREB's objectives are to:

- Continuously improve the quality of its research by expanding links with international researchers and encouraging publications in higher ranked academic journals by its staff.
- Expand its portfolio of research projects funded from competitive external grants.

- Disseminate research and promote discussion with policy makers, academics and other stakeholders on economic development issues by organizing international conferences and seminars, publishing working papers, policy papers, briefs, newspaper articles and blogs.
- Develop skills of its staff, especially early career researchers, by mentoring and organizing training workshops, encouraging participation in external capacity-building workshops, academic conferences and seminars, as well as facilitating access to resources for research.
- Provide a dynamic, collegial and inclusive work environment.
- Provide timely and quality support to the Lahore School for:
 - i. Maintaining high quality of its graduate programmes.
 - ii. Ensuring compliance with best practices of research ethics.
 - iii. Effective use of its funding for research and faculty participation in international conferences.

Research Review: 2019 – 2023

CREB focused on three main fields of research: One, political economy; Two, education, health and labor force participation; and Three, industrial innovation and agglomeration. A significant portion of the research in the last two areas involves field experiments to provide a robust measurement of impact. In 2023, CREB staff published **4** articles in impact factor journals. In the 5 years (2019-2023), CREB staff have:

- Produced **53** publications, including **21** journal articles of which **16 were in impact factor journals** and 5 in X category journals, **15** international working papers and other international publications, and **17** CREB Working Papers and other local publications (see Table 1, and Tables 1-8 in the Statistical Annexure I for details).
- Obtained external grant funding of over **£ 0.4 million** for **14** research projects, supervised 13 MPhil theses and 6 PhD theses.
- Organized 7 international Conferences: 2 on the Management of Pakistan Economy, 1 on Behavioral Economics and 4 on Applied Development Economics (ADE). In 2020, CREB organized an ADE webinar series consisting of 18 seminars over a period of 5 months.
- Collaborated on joint research with researchers from some of the leading universities in the world, including University of Oxford, Stanford University, Duke University, Bocconi University, Massachusetts Institute of Technology, University of Chicago and Harvard Kennedy School.

In 2018, the Lahore School set up a Research Development Fund (LSRDF). The LSRDF is managed by CREB and the proposals received for research grants are subjected to a rigorous evaluation process. Since its inception six research projects funded by LSRDF have been completed (see Statistical Annexure 1, Table 6b). A research article based on the project titled Underdog Entrepreneurship: A Model to Predict Entrepreneurial Capabilities and Success in the Condition of Poverty, funded by LSRDF in **2023**, was published in an impact factor journal.

In 2022, CREB launched two new initiatives, a Short-term Resident Fellowship program and CREB Development Research Seminar series.

Short-term Resident Fellowship Program: This fellowship provides an opportunity for young

scholars to engage in collaborative, high quality applied research, expand their networks, and enhance their research and professional skills. In 2022 CREB hosted Sakina Shibuya (a Ph.D. student in Agricultural and Applied Economics at the University of Wisconsin, Madison). During her stay at the Lahore School, Sakina worked with Zunia Tirmazee (Senior Research Fellow and Assistant Professor) to develop a project titled “Understanding the Costs of Hiring Women in Pakistan” for which they wrote grant applications and received funding from both IGC and PEDL. The project aimed to understand the firm-side constraints to hiring women. In addition to the research, Sakina also conducted two workshops aimed at capacity building of young researchers at the Lahore School. She delivered one session on developing code for reproducible research and another one on using GitHub for facilitating collaborative research. In 2023, CREB hosted Rebecca Wu (Third year Ph.D. student at University of Chicago) as a resident fellow. During her stay at the Lahore School, Rebecca worked with Zunia Tirmazee and Hamna Ahmed (Senior Research Fellows and Assistant Professors) on a project “online Labor Market of freelancers in Pakistan”. The project aimed to understand how to improve freelancers' access to global markets and increase their earning potentials. University of Chicago has provided a grant of \$5000 for exploratory work on this project and a proposal for additional funding has been submitted to IGC.

In addition to research, she conducted five in person workshops on Data for Empirical Analysis at the Lahore School for CREB staff, Economics and Business faculty and graduate students.

CREB Development Research Seminar (DRS) Series: In spring semester 2023, CREB staff organized the second round of the Development Research Seminar Series. These seminars emphasized multidisciplinary exchanges between early-career researchers based in universities abroad and Lahore School staff. The DRS series was open to students and academics from all programs, who were interested in gaining knowledge to better understand the changing field of economic development. There were a total of four seminars, i.e. one seminar each month. The presenters at these seminars were Mehreen Mahmud (University of Business Exeter School), Amal Ahmad (University of Göttingen), Diva Dhar (University of Oxford) and Shan Aman-Rana (University of Virginia).

Fifth International Conference on Applied Development Economics (ADE 2023): CREB and the Innovation and Technology Centre (ITC) hosted the 5th International Conference on Applied Development Economics (ADE), as an in-person event in Lahore, from 23 – 25 August 2023. ADE2023 featured plenary talks by Danila Serra (Texas A&M University) and David Evans (Center for Global Development).

The Conference aimed to (i) highlight recent research that can have lasting policy impact for sustainable growth in the developing world; (ii) provide early career researchers the opportunity to obtain feedback on their on-going work; and (iii) to start a mutually beneficial exchange of ideas and discussions among researchers on potential collaborations.

The Conference included presentations from international and local researchers working on issues related to economic development and sustainable growth in the developing world. The conference had a total of 20 presenters from which 14 were international and 6 were from Pakistan. The Conference broadly focused on the following thematic areas: Labour Markets, Industry and Trade, Political Economy and Institutions, Education and Health and Climate Change with a crosscutting emphasis on gender.

CREB also supported the faculty of Economics for its MS/MPhil economics program. Headed by the CREB Senior Research Fellow, Waqar Wadho, the economics graduate program is revamped with the introduction of three specializations (Quantitative Economics, Development Economics, Trade and Public Policy) in MS/MPhil program.

In addition, CREB continued its Lahore School research support activities by offering RA/internship opportunities for undergraduate students to stimulate their interest in economic research by accommodating 10 student interns in the summer and 6 student RA’s during the spring and fall semesters in 2023, managing the research ethics review process for all its research projects: and by screening faculty funding applications for participation in international conferences.

Table 1: Five Year Summary of CREB output (2019-2023)

Publications and articles		
Journal articles	Working papers and other publications	
20	15	
Externally Funded Research projects		
Number of Projects	18	
Funds received at Lahore School		
14		
Funds received by researchers in collaborating institutions		
4		
Theses supervised		
MPhil	PhD	
10	6	
Support Activities		
Skills training workshops	Conferences	Seminars
6	7	20

Five Year Research Programme 2024-2029.

Over the next five years CREB will continue its efforts to raise the quality and sustain the volume of its research in the period 2024-2029. Keeping in mind the small number of CREB staff, our planned output for 2024-2029 is less than what was achieved in the last five years (for the number of resident CREB research staff today see Table I, Statistical Annexure II). In the period 2024-2029, CREB staff plan to publish 15 papers in impact factor journals and produce 10 international working papers, CREB working papers and other international and local publications. Depending on the success of the ongoing efforts to revive the Lahore School's MPhil and PhD programs in Economics, CREB staff expect to supervise 10 MPhil/MS theses in this period. In addition, CREB staff will complete 8 ongoing externally funded research projects and initiate 6 new projects. In addition, CREB will organize 5 international conferences, and 30 seminars with leading academics and field experts as speakers; conduct 10 skills training workshops; host at least 5 early career international researchers; and expand its student outreach programme.

CREB staff will continue with the new initiatives started in 2022 and its flagship ADE conference, with the purpose of capacity building of Lahore School faculty and enhancing their exposure to recent economic developments and latest cutting-edge research methods.

- I. **Short-term Resident Fellowship Program:** CREB is currently accepting applications from prospective fellows for 2024.
- II. **Conferences:** This year the 6th annual Applied Development Economics (ADE) conference is planned to be held in person in August 2024. The conference will broadly focus on the following thematic areas: Labour Markets, Industry and Trade, Political Economy and Institutions, Education and Health, and Climate Change with a cross-cutting emphasis on gender.
- III. **Essay Competition:** This year CREB is planning to start an annual Essay Competition for Lahore School of Economics undergraduate students in order to enhance their ability to economics analysis, reasoning and writing skills.
- IV. **Research projects:** Work will continue on projects initiated during 2023 for which external grant funding is received.

Collaborations:

Feb 2023 MOU PSDF

A Memorandum of Understanding was signed in February 2023 between Lahore School of Economics and Punjab Skills Development Fund (PSDF), the largest skills development fund in Pakistan, set up by the Government of the Punjab in collaboration with Foreign, Commonwealth and Development Office (FCDO). The objective of this memorandum was to conduct research and create evidence-based development programs that will accelerate the socio-economic abilities of female citizens and encourage female labor force participation (FLFP).

Feb 2024 SMEDA

A Memorandum of Understanding was signed in February 2024 between Lahore School of Economics and Small and Medium Enterprise Development Authority (SMEDA), a statutory body under the Ministry of Industries and Production, Government of Pakistan. The objective of this collaboration is to carry out research pertaining to growth of SMEs especially focusing on, but not limited to, broad areas such as formal and informal financing of the SME sector, business formalization and informality aspects

of SMEs, women entrepreneurship etc. Research activities under this new collaboration will be based on administrative data as well as field work.

- **Research projects initiated during 2023:**

The project Gender growth and Labour Markets in Low Income Countries Programme: From Jobs to Careers: Lifting Constraints to Women’s Career Advancement in South Asia has a received a grant of \$400,000 from G2LM|LIC. Dr. Hamna Ahmed from CREB is CO-PI in this project with Raymond Robertson (University of Texas and A&M) and Danila Serra (University of Texas and A&M) and Farzana Afridi (University of Toronto).

Dr. Hamna Ahmed (CREB) Dr. Zunia Saif (CREB) and Emma Zhang (University of Chicago) received a grant of \$12,660 from the Farma-Miller Center for a research project *SME in Punjab*.

Hamna Ahmed along with Zunia Saif and Rebecca Wu (University of Chicago) received a grant of \$4160 from The Weiss fund for their project Competition and Market Access in Online Freelancing Markets: Evidence from Pakistan.

Hamna Ahmed along with Zunia Saif and Rebecca Wu and Emma Zhang (University of Chicago) received a grant of \$9950 from Development Economics Research Fund for their project Household Decision-Making Inefficiencies and Young Women’s Skill Investment in Pakistan

- **Research funding applications made during 2023:**

Hamna Ahmed along with Zunia Saif and Rebecca Wu have submitted a proposal to IGC on Competition and Market Access in Online Freelancing Markets: Evidence from Pakistan.

Hamna Ahmed along with Zunia Saif and Emma Zhang have submitted a proposal to PEDL and IGC for project Exploring the Incidence of Informal Lending on SME Financing and Development in Pakistan.

Table 2: Summary of CREB’s Planned Five Year Research Output (2024-2029)

Publications and articles		
Journal articles	Books/Book chapters	Working papers and other publications
15	1	10
Externally Funded Research projects		
Number of projects		
10		
Theses supervised		
MS/MPhil		
11		
Support activities		
Skills training workshops	Conferences	Seminars
10	5	20

Statistical Annexure 1: Research Review 2019 – 2023**Table 1: Publications in Impact Factor and HEC X and Y Category/ABDC/ABS***

Sr. N O.	Authors	Title of Article	Journal	Journal Category
1	Zunia Tirmazee	Unequal pay for equal education! A case of gender wage gap from Punjab, Pakistan.	Argumenta Oeconomica (2023)	Impact factor
2	Hamna Ahmed, Dareen Latif, Kate Vyborny	The unintended consequences of accountability: Quasi-experimental evidence from policing in Pakistan	Journal of Public Economics. (2023)	Impact factor
3	Waqar Wadho, Naeem Ashraf and subhan Shahid	Fault Lines in Family SMEs: The U-shape effect of family influence and control on innovativeness and performance.	M@n@gement. (2023)	Impact factor

4	Waqar Wadho and Sadia Hussain	Ethnic diversity, concentration of political power and the curse of natural resources	Economia Politica, (2023)	Impact factor
5	Theresa Chaudhry, Zunia Tirmazee and Umair Ayaz	Experimental Evidence on Group-based Attendance Bonuses in Team Production	Journal of South Asian Development (2022)	Impact factor
6	Maryiam Haroon, Farah Said and Mahniya Zafar	Fostering non-cognitive skills and academic performance: Experimental evidence from women's-only colleges in Pakistan	Journal of Asian Economics, Vol 81 (2022)	Impact factor

7	Hamna Ahmed, Mahreen Mahmud, Farah Said and Zunia Tirmazee	Encouraging Female Graduates to Enter the Labor Force: Evidence from a Role Model Intervention in Pakistan	Economic Development and Cultural Change (2022)	Impact factor
8	Waqar Wadho and Azam Chaudhry	Innovation Strategies and Productivity Growth in Developing Countries: Firm level Evidence from Pakistani Manufacturers	Journal of Asian Economics Vol 81 (2022)	Impact factor
9	Hamna Ahmed and Dareen Latif	Impact of physical distance on health facility choice: Evidence from a health micro insurance program in Punjab, Pakistan	International Journal of Health Planning and Management (2022)	Impact factor
10	Uzma Afzal, Giovanna d'Adda, Marcel Fafchamps and Farah Said	Intra household Consumption Allocation and Demand for Agency: A triple experimental investigation	American Economic Journal: Applied Economics, Vol 14 (2022)	Impact factor
11	Azam Chaudhry, Giovanna d'Adda, Mahreen Mahmud and Farah Said	Home-based Enterprises: Experimental Evidence on Female Preferences from Pakistan	Economic Development and Cultural Change (2022)	Impact Factor
12	Azam Chaudhry and Maryiam Haroon	Where to Locate? The Correlation Between Spatial Proximity and Location Choice of New Firms: The Case of Pakistan.	Asian Economic Journal, 35(2), 187208 (2021)	Impact factor
13	Yumna Hassan and Waqar Wadho	Unskilled Migration, Child Labor and Human Capital Accumulation of Left behind	Lahore Journal of Economics, Vol 25(2) (2020)	X

14	Kashif Malik, Muhammad Meki, Jonathan Morduch, Timothy Ogden, Simon Quinn, S, and Farah Said	COVID-19 and the Future of Microfinance: Evidence and Insights from Pakistan,	Oxford Review of Economic Policy, 36, Issue Supplement_1, S138–S168 (2020)	Impact factor
15	Mahniya Zafar, Naved Hamid and Fatima Arshad	Are Agricultural Markets in the Punjab Technically Efficient?	Lahore Journal of Economics 25(1) (2020)	X
16	Maryiam Haroon	Productivity Dispersion across Districts in Punjab	Lahore Journal of Economics 24(2) (2019)	X
17	Sadia Hussain, Hamna Ahmad	The Role of Bundling in Promoting Sustainability of Health Insurance: Evidence from Pakistan	Geneva Papers on Risk and Insurance Issues and Practice, 44 (3) (2019)	Impact Factor
18	Shaheen Naseer	Public Spending, Quality of Bureaucracy and Economic Growth: A Theoretical Analysis	The Pakistan Development Review 58(2), 203-221, (2019)	X
19	Farah Said, Mahreen Mahmud, Giovanna d'Adda and Azam Chaudhry	It is not power, but how you use it: Experimental evidence on altruism from households in Pakistan	Applied Economic Letters, 27(5), 426 - 431 (2019)	Impact Factor
20	Waqar Wadho, Michelline Geodhuys, Azam Chaudhry	Young innovative companies and employment creation, evidence from the Pakistani textiles sector	World Development, Volume 117, 139-152 (2019)	Impact Factor
21	Waqar Wadho, Azam Chaudhry	Identifying and Understanding the High Growth Firms in Pakistani Textiles and Apparel sectors	Lahore Journal of Economics 24(2) (2019)	X

Statistical Annexure 1: Research Review 2019 – 2023**Table 2: International Working Papers & Other International Publications**

Sr. No.	Author(s)	Title	Paper Series	Year
1	Christopher Engel, Klaus Heine and Shaheen Naseer	Religion and Tradition in Conflict Experimentally Testing the Power of Social Norms to Invalidate Religious Law	Discussion Papers of the Max Planck Institute for Research on Collective Goods, 2021/13	2021
2	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Effective Altruism	NBER Working Paper	2021
3	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Policymakers in Econometrics	NBER Working Paper	2021
4	Jing Cai, Erica Field, Cynthia Kinnan, Muhammad Meki, Jonathan Morduch, Jonathan de Quidt, Simon Quinn and Farah Said	Microfinance	Microfinance Report: VoxDevLit, 3(1)	2021
5	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Effective Altruism	Article: VoxDev, Public Economics	2021
6	Hamna Ahmed, Muhammad Ahmed Nazeef and Sadia Hussain	Leveraging technology to promote women's health: Evidence from a pilot programme	GLO Discussion Paper No. 939	2021
7	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Policymakers in Econometrics: Evidence from Pakistan	Article: VoxDev, Methods and Measurement	2021
8	Muhammad Meki, Jonathan Morduch, Timothy Ogden Simon Quinn and Farah Said	How will coronavirus change the global microfinance industry?	Blog post: Economics Observatory, Aid & International Development Blog	2020
9	Waqar Wadho and Azam Chaudhry	Innovation Strategies and Productivity Growth in Developing Countries: Evidence from Pakistan	GLO Discussion Paper Series No. 466	2020

10	Waqar Wadho and Sadia Hussain	Ethnic Diversity, Concentration of Political Power and the Curse of Natural Resources	GLO Discussion Paper Series No. 611	2020
11	Jacopo Bonan, Giovanna d'Adda, Mahreen Mahmud and Farah Said	The Role of Flexibility and Planning in Repayment Discipline: Evidence from a Field Experiment on Payas-You-Go Off-Grid Electricity	RM-CMCC Working Paper No. 20-14	2020
12	Uzma Afzal, Giovanna d'Adda, Marcel Fafchamps and Farah Said	Implicit and Explicit Commitment in Credit and Savings Contracts: A field experiment.	NBER Working Paper No. 25802	2019
13	Shaheen Naseer and Klaus Heine	Analyzing the Impact of Initial Imprints on a Bureaucratic Organization: The Case of Pakistan.	Academy of Management Proceedings, (1) (Vol. 2019, No. 1, p. 18816).	2019
14	Shaheen Naseer and Klaus Heine	Organizational Inertia and Public Policy Outcomes	Academy of Management Proceedings, (1) (Vol. 2019, No. 1, p. 19261).	2019
15	Waqar Wadho, Michelline Geodhuys, Azam Chaudhry	Do young innovative companies create more jobs? Evidence from Pakistani textile firms	UNU Merit No. 2019-02	2019

Statistical Annexure 1: Research Review 2019 - 2023
Table 3: CREB Working Papers & Other Local Publications

Sr. No.	Author(s)	Title	Paper Series	Year
1	Naved Hamid and Hijab Waheed	Our Cities Unfit To Absorb Migrants	DAWN, August 14 Special: 75 YEARS OF PAKISTAN 1947-2022	2022
2	Hamna Ahmed and Hijab Waheed	Breaking Intergenerational Violence: The Role of Government Policy.	CREB working paper No. 02-21	2021
3	Kashif Z Malik and Farah Said	COVID-19 and the Future of Microfinance: Evidence and Insights from Pakistan.	Blog post: Mahbub Ul Haq Research Center at LUMS	2021
4	Ijaz Bajwa, Hamna Ahmad, Sadia Hussain and Katherine Vyborny	Student Experiences and Outcomes during COVID-19; Insights for TCF	TCF Policy brief	2021
5	Fatimah Shah and Zunia Saif Tirmazee	Impact of Parental Occupation on Career Aspirations.	CREB Working Paper No.05-20	2020
6	Farah Said, Mahreen Mahmud, Giovanna d'Adda, and Azam Chaudhry	Home-bias Among Female Entrepreneurs: Experimental evidence on preferences from Pakistan	CREB Working Paper No. 04-20	2020
7	M. Ahmed Nazif and Farah Said	Gender Differences in Willingness to Compete	CREB Working Paper No. 03-20	2020
8	Raja A. Rahman and Farah Said	Can Competition Reduce Moral Hazard? A Laboratory Experiment	CREB Working Paper No. 02-20	2020
9	Hamna Ahmed Mahreen Mahmud Farah Said ZuniaTirmazee	Undergraduate Female Students in Lahore: Perceived Constraints to Female Labour Force Participation.	CREB Policy Paper No. 01-20	2020
10	Hamna Ahmed, Sadia Hussain and Muhammad Ahmed Nazif	COVID-19 and well-being of female borrowers in Lahore, Pakistan.	CREB Policy Brief No. 03-20	2020

11	Maryiam Haroon, Farah Said and Mahniya Zafar	Non-cognitive skills, psychological well-being and learning outcomes among college students.	CREB Policy Brief No. 02-20	2020
12	Hamna Ahmed, Mahreen Mahmud, Farah Said and Zunia Saif Tirmazee	COVID-19 and urban households in Lahore, Pakistan.	CREB Policy Brief No. 01-20	2020
13	Mahniya Zafar and Farah Said	The Impact of School Facilities on Dropouts in Pakistan	CREB Working Paper No. 03-19	2019
14	Sadia Hussain, Muhammad Ahmed Nazif, Hamna Ahmad	Utilization of Health Microinsurance: Evidence from Focus Group Discussions	CREB Policy Paper No. 02-19	2019
15	Anum Illahi and Waqar Wadho	Corruption Tax Evasion and Economic Development in Economies Hierarchical Tax Administrative System	CREB Working Paper No. 02-19	2019
16	Sadia Hussain, Hamna Ahmed	Utilization of Health Microinsurance in Punjab: Insights from Administrative Data	CREB Policy Paper No. 01-19	2019
17	Muhammad Salman Khalid, Hamna Ahmed, Asha Gul, Simon Quin and Kate Vyborny	Disability: Inclusion of People with Disability in Pakistan's Third Tier Organizations (TTOs)	PPAF Research Brief	2019

Statistical Annexure 1: Research Review 2019 - 2023**Table 4: MPhil/ MS Thesis supervised.**

Sr. No	Supervisor	Thesis Title	Student Name	Year
1	Hamna Ahmad	Effect of in utero exposure to pollution shocks on later life health outcomes.	Sarah Asif	ongoing
2	Zunia Saif	Does Access to Safe Drinking improve child welfare indicators in Pakistan	Onaiza Tanveer	2023
3	Waqar Wadho	Does International certification cause superior Export performance? Evidence from Pakistan	Minal Shauket	2023
4	Farah Said & Tareena Musadiq	Impact of Family size on Child Health in Pakistan	Fatima Jamil	2021
5	Shaheen Naseer	Impact Of Gender On Meritocratization: A Panel Data Study	Kiran Tariq	2021
6	Hamna Ahmed	The Long run effects of childhood exposure to violence and women's protection initiatives on well-being	Hijab Waheed	2021
7	Farah Said	Can Competition Reduce Moral Hazard?	Raja Abdar Rahman	2020
8	Maryiam Haroon	Corruption, Institutional Barriers and Innovation	Zainab Idrees	2020
9	Hamna Ahmed & Farah Said	The Impact of terrorism on educational outcomes: The case of Pakistan	Saniya Jilani	2019
10	Shaheen Naseer	Intuitions and exports: A cross country analysis	Maryium Nazif	2019
11	Zunia Tirmazee	Impact of Parental Occupation on Career Aspirations of University Students	Fatimah Shah	2019

Statistical Annexure 1: Research Review 2019 - 2023**Table 5. PhD Supervisions**

Sr. No.	Name	Name of Committee Member 1	Name of Committee Member 2	Name of Committee Member 3	Status
1.	Farah Said (19 June, 2019)	Azam Chaudhry	Theresa Chaudhry	Naved Hamid	Completed
2.	Maryiam Haroon (20 August, 2021)	Azam Chaudhry	Waqar Wadho	Theresa Chaudhry	Completed
3.	Nida Jamil (25 August, 2022)	Theresa Chaudhry	Azam Chaudhry	Naved Hamid	Completed
4	Zunia Saif (25 August, 2022)	Naved Hamid	Azam Chaudhry	Waqar Wadho	Completed
5.	Rabia Ikram (31 August, 2022)	Moazzam Mahmood	Waqar Wadho	Naved Hamid	Completed
6.	Rabia Arif (3 March, 2023)	Theresa Chaudhry	Azam Chaudhry	Naved Hamid	Completed

Statistical Annexure 1: Research Review 2019 - 2023**Table 6A: International Research Projects Grants**

Sr. No.	Project Title	Award Date	End Date	Funding Sources
1	Understanding the Freelancing Market in Pakistan: Market Access and Digital Skills Utilization.	2023	ongoing	University of Chicago, GLM/LIC
2	Firm Side Constraints to Hiring Women	2022	Ongoing	PEDL/ IGC
3	Training effective altruism	2020	Ongoing	World Bank
4	Intergenerational Transmission of Conservative Social Norms	2020	Ongoing	World Bank
5	Training Policy-Makers in Econometrics	2020	Ongoing	World Bank

6	Why do you want your inheritance share? Triumph of social norms over laws: Evidence from Pakistan	2020	Ongoing	Max Planck Germany
7	Strengthening schools accountability mechanisms through participation: addressing education quality	2019	Ongoing	ESRC/ Washington University
8	Search and Matching Frictions in Casual Day Laborers (2)	2019	Ongoing	PEDL
9	Social Networks and Search frictions in Day Laborers (1)	2019	2019	PEDL
10	Overcoming Constraints to Labor force entry (2)	2018	Ongoing	GLM LIC

Statistical Annexure 1: Research Review 2019 - 2023
Table 6B: Lahore School Research Development Fund Grants

Sr. No	Project Title	Award Date	End Date
1	Underdog Entrepreneurship: A Model to Predict Entrepreneurial Capabilities and Success in the Condition of Poverty	2023	2023
2	Investing Corporate Transgressions and Protest Behaviour in a Non Western Culture	2023	2023
3	The role of non-cognitive skills in improving academic performance	2019	2022
4	Political consequences of reliable electricity	2019	2021
5	Systematic corruption in public bureaucracy	2019	2020

Statistical Annexure 1: Research Review 2019 - 2023**Table 7: University Collaborations**

1. Bates College, 2. Bocconi University, 3. University of Bonn,
 4. University of California Berkeley, 5. University of Cambridge,
 6. University of Chicago, 7. Duke University, 8. Erasmus University Rotterdam,
 9. University of Essex, 10. University of Exeter, 11. University of Gottingen,
 12. Harvard Kennedy School, 13. Massachusetts Institute of Technology,
 14. University of Michigan, 15. Montpellier Business School, 16. New Economics School,
 17. University of New South Wales, 18. University of North Carolina, 19. University of Nottingham,
 20. University of Oxford, 21. Paris School of Economics, 22. Politecnico di Milano,
 23. Sorbonne Universite, 24. Stanford University, 25. Toulouse University,
 26. United Nations University (UNU-Merit), 27. University of Warwick,
 28. Washington University in St, Louis and 29. University of Wisconsin

Statistical Annexure 1: Research Review 2019 - 2023**Table 8 CREB Development Research Seminar Series**

Topic	Presenter
Carrots or Sticks: Experimental Evidence on Incentives for Agricultural Extension Workers (27 October, 2022)	Zahra Mansoor (University of Oxford)
Pygmalion Effects and Student Outcomes: Experimental Evidence from Pakistan (17 November, 2022)	Minahil Asim (University of Ottawa)
Can competition drive down corruption? Evidence from cash transfers in Pakistan (2 December, 2022)	Amen Jalal (London School of Economics)
Cash Transfer and a Psychological Intervention: Impact on Women's Empowerment (9 March, 2023)	Mahreen Mahmud (University of Exeter Business School)
Imperfect information and learning: Evidence from cotton cultivation in Pakistan (30 March, 2023)	Amal Ahmad (University of Göttingen)
Reshaping adolescents' gender attitudes: Evidence from a school-based experiment in India (27 April 2023)	Diva Dhar (University of Oxford)

Gender and Choice over Co-workers: Experimental Evidence (25 May 2023)	Shan Aman-Rana (University of Virginia)
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Statistical Annexure 2: Research Programme

Table 1: Resident CREB Research Staff 2024

Senior Research Fellows
<ol style="list-style-type: none"> 1. Hamna Ahmed 2. Zunia Tirmazee 3. Waqar Wadho <p>(Maryiam Haroon and Shaheen Naseer are on leave.)</p>
Research Fellows/Associates
<ol style="list-style-type: none"> 1. Fatima Jamil 2. Mahniya Zafar 3. Zainab Idrees