

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: 2020 – 2024

CREB focused on three main fields of research: Political economy; Education, health and labor force participation; and Industrial innovation and agglomeration, with a cross cutting focus on gender and climate change. A significant portion of the research in the last two areas involves field experiments to provide a robust measurement of impact. In 2024, CREB staff published 2 articles in impact factor journals. In the 5 years (2020-2024), CREB staff have:

- Produced **59** publications, including **15** journal articles of which **13 were in impact factor journals** and **2** in X category journals, **17** international working papers and other international publications, and **12** 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 **£ 425,638** for **14** research projects,
- Supervised 10 MPhil theses 3 MS theses and 5 PhD theses.

- Organized 7 international Conferences: 2 on the Management of Pakistan Economy, 1 on Behavioral Economics and 4 on Applied Development Economics (ADE).
- Collaborated on joint research with researchers from some of the leading International universities, including University of Oxford, University of Chicago, Stanford University, Duke University, Bocconi University, Massachusetts Institute of Technology 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 2020 3 research projects have been funded by LSRDF (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 a new initiatives of 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- 2023 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 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- 2024, 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 Saif 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 is currently in the process of reviewing and processing applications for the Short-Term Resident Fellowship for the 2024-2025 period

Sixth International Conference on Applied Development Economics (ADE 2024): CREB and the Innovation and Technology Centre (ITC) hosted the 6th International Conference on Applied Development Economics (ADE), as an in-person event in Lahore, from 15 – 17 August 2024.

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.

ADE 2024 featured plenary talks by Adrienne Lucas (University of Delaware) and Jonathan Morduch (New York University) and 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 25 presenters from which 15 were international and 10 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 four specializations (Theory/Quantitative Economics, Development Economics, Trade and Public Policy, and Data Analytics) in MS/MPhil program. CREB continued its Lahore School research support activities such as 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 2024; managing the research ethics review process for all research projects; and screening faculty funding applications for participation in international conferences.

Lastly, various research projects carried out at CREB during this time period helped to bridge the divide between academics and public policy practitioners. These projects involved collaborative work between Lahore School of Economics and Government agencies such as Punjab Skills Development Fund (PSDF) and Small and Medium Enterprise Development Authority (SMEDA) which was initiated after signing of an official MoU between respective parties. Details of these MoUs are listed below:

Punjab Skills Development Fund (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).

Small and Medium Enterprise Development Authority (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.

Table 1: Five Year Summary of CREB output (2020-2024)

Publications and articles	
Journal articles	Working papers and other international publications
15	17
Externally Funded Research projects	
Number of Projects	Funds Received (GBP)
14	425,638
Theses supervised	

MPhil	MS	PhD
10	3	5
Support Activities		
Skills training workshops	Conferences	Seminars
6	7	20

Five Year Research Programme 2025-2029.

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 2025-2029, 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 15 MPhil/MS theses in this period. In addition, CREB staff will complete 8 ongoing externally funded research projects and initiate 6 new projects. CREB will also 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 (see Table 2 for details).

CREB staff will continue its existing initiatives 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 plans to continue its Short-term Resident Fellowship program. CREB is currently in the process of reviewing and processing applications for the Short-Term Resident Fellowship for the year 2024-2025.
- II. **Conferences:** This year the 7th annual Applied Development Economics (ADE) conference is planned to be held in person in August 2025. 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. **Research projects:** Work will continue on projects initiated during 2024 for which external grant funding is received.

● **Ongoing Research projects:**

From Jobs to Careers: Lifting Constraints to Women's Career Advancement in South Asia: This project is funded by Gender Growth and Labour Markets in Low Income Countries Programme (G2LM|LIC) and is being carried out by CREB staff member Hamna Ahmed in collaboration with researchers from University of Texas A&M (Raymond Robertson and Danila Serra) and Indian Statistical Institute (Farzana Afridi).

Inclusive Growth in Pakistan's Transition to the Green Economy: This project is funded by University of Texas A&M and is being carried out by CREB staff member Hamna Ahmed in collaboration with researchers Raymond Robertson and Danila Serra.

Exploring the incidence of informal lending on SME financing and development in Pakistan: This project is funded by the Farma-Miller Center and is being carried out by CREB staff members Hamna Ahmed and Zunia Saif Tirmazee in collaboration with researchers from University of Chicago (Emma Zhang) and SMEDA.

Competition and Market Access in Online Freelancing Markets: Evidence from Pakistan: This project is funded by the International Growth Centre (IGC) and the Weiss Fund and is being carried out by CREB staff members Hamna Ahmed and Zunia Saif Tirmazee in collaboration with researchers from University of Chicago (Rebecca Wu).

Informed Job Searching: How Access to Information Shapes job search behaviour: This project is funded by Gender and Labor Markets in Low Income Countries Programme and is being carried out by CREB staff members Hamna Ahmed and Zunia Saif Tirmazee in collaboration with researchers from World Bank (Kate Vyborny) and Bates College (Nivedhitha Subramanian).

Managers' and Households' Attitude Toward Women Working in Factories: Role Model Firms and Information Interventions in Pakistan: This project is funded by Private Enterprise Development in Low Income Countries (PEDL) and is being carried out by CREB staff member Waqar Wadho in collaboration with researchers Abu Siddique (Royal Holloway University of London) and Anri Sakakibara (Technical university of Munich)

Table 2: Summary of CREB's Planned Five Year Research Output (2025-2029)

Publications and Articles		
Journal articles	Books/Book chapters	Working papers and other publications
15	1	10
Externally Funded Research projects		
Number of projects	Total funding (GBP)	
10	400,000	
Theses Supervised		
MS	MPhil	
10	5	
Support activities		
Skills training workshops	Conferences	Seminars
10	5	20

Statistical Annexure 1: Research Review 2020 – 2024
Table 1: Publications in Impact Factor and HEC X and Y Category/ABCD/ABS*

Sr. NO.	Authors	Title of Article	Journal	Journal Category
1	Waqar Wadho and Azam Chaudhry	Measuring process innovation outputs and understanding their implications for firms and workers: Evidence from Pakistan	Technovation (2024)	Impact factor
2	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 (2024)	Impact factor
3	Zunia Tirmazee	Unequal pay for equal education! A case of gender wage gap from Punjab, Pakistan.	Argumenta Oeconomica (2023)	Impact factor
4	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
5	Waqar Wadho and Sadia Hussain	Ethnic diversity, concentration of political power and the curse of natural resources	Economia Politica, (2023)	Impact factor
6	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
7	Maryiam Haroon, Farah Said and Mahniya Zafar	Fostering non-cognitive skills and academic performance: Experimental evidence from	Journal of Asian Economics, Vol 81 (2022)	Impact factor

		women's-only colleges in Pakistan		
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		Are Agricultural Markets in the	Lahore Journal of	X

	Mahniya Zafar, Naved Hamid and Fatima Arshad	Punjab Technically Efficient?	Economics 25(1) (2020)	
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Statistical Annexure 1: Research Review 2020 – 2024

Table 2: International Working Papers & Other International Publications

Sr. No.	Author(s)	Title	Paper Series	Year
1	Sakina Shibuya & Zunia Saif Tirmazee	What prevents women's labour force participation in Pakistan?	Blog post: IGC blog post	2024
2	Sakina Shibuya & Zunia Saif Tirmazee	Understanding the costs of hiring women in Pakistan	IGC working paper series- Working Paper PAK-22075	2023
3	Elisabetta Gentile, Nikita Kohli, Nivedhitha Subramanian, Zunia Tirmazee, and Kate Vyborny	Barriers to entry: Decomposing the gender gap in job search in urban Pakistan	ADB Economics Working Paper Series, 2023.	2023
4	Sakina Shibuya & Zunia Saif Tirmazee	Understanding the costs of hiring women in Pakistan	IGC Policy Brief- PAK-22075	2023
5	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	G ² LM LIC Policy Brief No. 58	2023
6	Hamna Ahmed, Mahreen Mahmud, Farah Said, and Zunia Tirmazee	COVID-19 and Urban Households in Lahore, Pakistan	G ² LM LIC Policy Brief No. 69	2021
7	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
8	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Effective Altruism	NBER Working Paper	2021
9	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Policymakers in Econometrics	NBER Working Paper	2021
10	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

11	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Effective Altruism	Article: VoxDev, Public Economics	2021
12	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
13	Daniel L. Chen, Sultan Mehmood and Shaheen Naseer	Training Policymakers in Econometrics: Evidence from Pakistan	Article: VoxDev, Methods and Measurement	2021
14	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
15	Waqar Wadho and Azam Chaudhry	Innovation Strategies and Productivity Growth in Developing Countries: Evidence from Pakistan	GLO Discussion Paper Series No. 466	2020
16	Waqar Wadho and Sadia Hussain	Ethnic Diversity, Concentration of Political Power and the Curse of Natural Resources	GLO Discussion Paper Series No. 611	2020
17	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

Statistical Annexure 1: Research Review 2020 - 2024

Table 3: CREB Working Papers & Other Local Publications

Sr. No.	Author(s)	Title	Paper Series	Year
1	Theresa Chaudhry and Hamna Ahmed	The Global Gig Economy: Pakistan's Opportunity to Become a Leader in Service Exports?	Book Chapter: Policy Challenges for Macroeconomic Management and Growth in Pakistan	2024
2	Murtaza Syed and Naved Hamid	Monetary Policy in the Time of Corona: Lessons from Pakistan	Book Chapter: Policy Challenges for Macroeconomic Management and Growth in Pakistan	2024

3	Naved Hamid and Hijab Waheed	Our Cities Unfit To Absorb Migrants	DAWN, August 14 Special: 75 YEARS OF PAKISTAN 1947-2022	2022
4	Hamna Ahmed and Hijab Waheed	Breaking Intergenerational Violence: The Role of Government Policy.	CREB working paper No. 02-21	2021
5	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
6	Ijaz Bajwa, Hamna Ahmad, Sadia Hussain and Katherine Vyborny	Student Experiences and Outcomes during COVID-19; Insights for TCF	TCF Policy brief	2021
7	Fatimah Shah and Zunia Saif Tirmazee	Impact of Parental Occupation on Career Aspirations.	CREB Working Paper No.05-20	2020
8	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
9	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
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Statistical Annexure 1: Research Review 2020 - 2024

Table 4: MPhil Thesis supervised.

Sr. No.	Supervisor	Thesis Title	Student Name	Year
1	Waqar Wadho	Information sharing and Female Labor Force Participation: Evidence from Pakistan	Farah Imami	ongoing
2	Waqar Wadho	From Believes to Barriers: The Role of Sectarian Views in Influencing Female Labor Force Participation	Hira Kaleem	ongoing
3	Hamna Ahmad	Early life exposure to crop burning and its impact on child health outcomes.	Sarah Asif	ongoing
4	Zunia Saif	Does Access to Safe Drinking improve child welfare indicators in Pakistan	Onaiza Tanveer	2023
5	Waqar Wadho	Does International certification cause superior Export performance? Evidence from Pakistan	Minal Shauket	2023
6	Farah Said & Tareena Musadiq	Impact of Family size on Child Health in Pakistan	Fatima Jamil	2021
7	Shaheen Naseer	Impact Of Gender On Meritocratization: A Panel Data Study	Kiran Tariq	2021
8	Hamna Ahmed	The Long run effects of childhood exposure to violence and women's protection initiatives on well-being	Hijab Waheed	2021
9	Farah Said	Can Competition Reduce Moral Hazard?	Raja Abdar Rahman	2020
10	Maryiam Haroon	Corruption, Institutional Barriers and Innovation	Zainab Idrees	2020

Statistical Annexure 1: Research Review 2020 - 2024

Table 4A: MS Thesis supervised.

Sr. No.	Supervisor	Thesis Title	Student Name	Year
1	Hamna Ahmed	Impact of COVID-19 on Test Scores of Primary School Students in Pakistan	Unzila Nadeem	2024
2	Zunia Saif Tirmazee	Impact of Maternal Education on Childs Outcomes	Maryiam Ahmad	2024
3	Mahniya Zafar	Impact of Mother's Mass Media Exposure on Early Childhood Development in Pakistan: Urban vs. Rural Analysis	Muhammad Afiq	2025

Statistical Annexure 1: Research Review 2020 - 2024

Table 5. PhD Supervisions

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

Statistical Annexure 1: Research Review 2020 - 2024

Table 6A: International Research Projects Grants

Sr. No.	Project Title	Award Date	End Date	Grant Amount (£)	Funding Sources
1	Managers' and Households' Attitude Toward Women Working in Factories: Role Model Firms and Information Interventions in Pakistan	2024	ongoing	110,000	PEDL
2	Competition and Market Access in Online Freelancing Markets: Evidence from Pakistan:	2024	ongoing	5,056	University of Chicago, GLM/LIC
3	From Jobs to Careers: Lifting Constraints to Women's Career Advancement in South Asia:	2024	Ongoing	N/A	GLM/LIC
4	Inclusive Growth in Pakistan's Transition to the Green Economy	2024	Ongoing	N/A	University of Texas
5	Exploring the incidence of informal lending on SME financing and development in Pakistan	2024	Ongoing	N/A	Farma-Miller Center
6	Informed Job Searching: How Access to Information Shapes job search behaviour	2024	Ongoing	N/A	GLM/LIC
7	Firm Side Constraints to Hiring Women	2022	28 Feb	34984 19959	PEDL IGC

8	Training effective altruism	2020	2022	N/A	World Bank
9	Intergenerational Transmission of Conservative Social Norms	2020	2022	N/A	World Bank
10	Training Policy-Makers in Econometrics	2020	2022	N/A	World Bank
11	Why do you want your inheritance share? Triumph of social norms over laws: Evidence from Pakistan	2020	2022	N/A	Max Planck Germany
12	Strengthening schools accountability mechanisms through participation: addressing education quality	2019	Ongoing	106,639	ESRC/ Washington University
13	Search and Matching Frictions in Casual Day Laborers (2)	2019	Ongoing	N/A	PEDL
14	Overcoming Constraints to Labor force entry (2)	2018	Ongoing	149,000	GLM LIC

Statistical Annexure 1: Research Review 2020 - 2024

Table 6B: Lahore School Research Development Fund Grants

Sr. No.	Project Title	Award Date	End Date	Grant Amount (Rs.)
1	Beauty and the Beast: Beautifying Pictures of Healthy Food to Nudge Healthy Eating	2024	ongoing	156,000
2	Underdog Entrepreneurship: A Model to Predict Entrepreneurial Capabilities and Success in the Condition of Poverty	2023	2023	660,000
3	Investing Corporate Transgressions and Protest Behaviour in a Non Western Culture	2023	2023	375,000

Statistical Annexure 1: Research Review 2020 - 2024

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 , University of Texas A&M

Statistical Annexure 2: Research Programme

Table 1: Resident CREB Research Staff 2024

Senior Research Fellows
1. Naved Hamid 2. Hamna Ahmed 3. Zunia Tirmazee 4. Waqar Wadho
Research Fellows/Associates
1. Fatima Jamil 2. Mahniya Zafar 3. Zainab Idrees
Research Assistants
1. Shahbano Naushahi 2. Sarah Asif