

Aakash Arvind Chowkase, Ph.D.

Associate Research Scientist, Child Study Center
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Google Scholar: [Aakash Chowkase](https://scholar.google.com/citations?user=AakashChowkase)

EDUCATION (4)

Ph.D. – Gifted, Creative, and Talented Studies	West Lafayette, IN
Graduate Certificate in Quantitative Research, Assessment, and Evaluation in Education	
Graduate Certificate in Qualitative Research	
Purdue University	August 2022
B.Ed. with Science, Mathematics, and Physics as teaching methods	Pune, India
Savitribai Phule Pune University	June 2017
M.A. – Education (<i>Specialization: Curriculum and Pedagogy</i>)	Bengaluru, India
Azim Premji University	May 2015
B.E. – Information Technology Engineering	Pune, India
Savitribai Phule Pune University	June 2011

DOCTORAL DISSERTATION

[*Nurturing Concern for Others in Adolescents: A Study of Empathy, Compassion, and Prosocial Behavior*](#)

Awarded \$55,953 through Bilsland Fellowship

Outstanding Dissertation Award - 2023 American Educational Research Association (Div. H)

Dissertation Award – 1st Place - 2023 National Association for Gifted Children (Research & Evaluation Network)

Committee members: Drs. Nielsen Pereira (Co-chair), Marcia Gentry (Co-chair), Yukiko Maeda, Girish Bapat, and Robert Sternberg

ACADEMIC AND PROFESSIONAL APPOINTMENTS (7)

Associate Research Scientist (Research Faculty) 11/2024-Present

Yale Center for Emotional Intelligence, Child Study Center, Yale University, CT

- Leads research initiatives focused on the development and validation of assessments, conducting implementation and efficacy trials of RULER (an Emotional Intelligence program for K-12 students worldwide), and analyzing data from the RULER metrics database

Post-Doctoral Research Fellow 09/2022-10/2024

Greater Good Science Center, Department of Psychology, University of California, Berkeley, CA (Advisor: Dr. Dacher Keltner)

- Lead Researcher: *Connecting Californians Through Service* grant
 - Designed and validated a bridge-building assessment tool and used it to evaluate the effectiveness of bridging and connection-building practices
- Evaluation Lead: *Greater Good in Education* program
 - Created and implemented an evaluation plan that meets numerous funders' requirements and the program's need for continuous improvement,
 - Developed a unifying system to measure different components of the program; conducted interviews with educators from all over the world
 - Developed research-based practices for educators and facilitated in-person and online communities of practice

Doctoral Research Fellow 08/2018-07/2022

Gifted Education Research and Resource Institute, College of Education, Purdue University, IN

Coordinator, Summer Residential Youth Program 08/2019-07/2021

Gifted Education Research and Resource Institute, College of Education, Purdue University, IN

Assistant Professor 07/2015-07/2018

Jnana Prabodhini's Institute of Psychology, Pune, India

- Post Graduate Diploma in Education of the Gifted: Methods and Strategies
- *Courses Taught:* Concept of Giftedness, Educating the Gifted, Towards Creative Leadership, Research Methods

Associate Member Technical Staff 09/2011-05/2013

Software Quality Assurance / Engineering, TIBCO Software Inc., Pune, India

PEER-REVIEWED PUBLICATIONS (15)

- Dedhe, A. *, **Chowkase, A. A.**[¶], Gogate, N.[¶], Naphade, A.[¶], Naphade, R.[¶], Kshirsagar, M.[¶], Kulkarni, P.[&], Raste, S.[&], Dharm, A.[&], Patankar, S.[&], Jogdeo, C.[&], Sathe, A.[&], Bapat, V.[&], Joshi, R.[&], Deshmukh, K.[&], Lele, S., Manke, K., & Cantlon, J., & Pandit, P. (2024). Estimating excess COVID-19-related deaths: A multi-method approach. *Scientific Reports*, 14, 10378. <https://doi.org/10.1038/s41598-024-57634-6>
- Chowkase, A. A.**, Parra-Martinez, F. A., Ghahremani, M., Finora, G., & Bernstein, Z., & Sternberg, R. J. (2024). Dual-process model of courage. *Frontiers in Psychology*, 15. <https://doi.org/10.3389/fpsyg.2024.1376195>
- Chowkase, A. A.**, Desmet, O. A., Datar, K. R., Deshpande, A. A., & Khasnis, S. (2024). *Affective outcomes of a summer talent development program: What do students say?* *Journal for the Education of the Gifted*, 47(2), 111-131. <https://doi.org/10.1177/01623532241235570>
- Mokuria, V., Wandix-White, D., **Chowkase, A. A.** (2023). Finding golden threads of commonality: An interfaith dialogue sharing experiences during troubled times. *The Journal of Faith, Education, and Community*, 6(1), Article 1. <https://scholarworks.sfasu.edu/jfec/vol6/iss1/1>
- Chowkase, A. A.** (2023). Social and emotional learning for the greater good: Expanding the circle of human concern. *Social and Emotional Learning: Research, Practice, and Policy*, 1, 100003. <https://doi.org/10.1016/j.sel.2023.100003>
- Sternberg, R. J., **Chowkase, A. A.**, Parra-Martinez, F. A., Landy, J. (2022). Criterion-referenced assessment of intelligence as adaptation to the environment: Is it possible, plausible, or practical? *Journal of Intelligence*, 10(3), 57. <https://doi.org/10.3390/jintelligence10030057>
- Chowkase, A. A.** (2022). Three C's conception of giftedness: A call for paradigm shift. *Gifted Education International*, 38(3), 404–411. <https://doi.org/10.1177/02614294211064703>
- Chowkase, A. A.** (2022). A bioecological systems view of school experiences of high-ability students from rural India. *Gifted Child Quarterly*, 66(1), 41–61. <https://doi.org/10.1177/00169862211030311>
- Chowkase, A. A.**, Datar, K., Deshpande, A., Khasnis, S., Keskar, A., & Godbole, S. (2022). Online learning, classroom quality, and student motivation: Perspectives from students,

teachers, parents, and program staff. *Gifted Education International*, 38(1), 74–94.
<https://doi.org/10.1177/02614294211060401>

Gentry, M., Desmet, O. A., Karami, S., Lee, H., Green, C., Cress, S., **Chowkase, A. A.**, & Gray, A. (2021). Gifted education's legacy of high stakes ability testing: Using measures for identification that perpetuate inequity. *Roeper Review*, 43(4), 242–255.
<https://doi.org/10.1080/02783193.2021.1967545>

Sternberg, R. J., & **Chowkase, A. A.** (2021). When we teach for positive creativity, what exactly do we teach for? *Education Sciences*, 11(5), 237.
<https://doi.org/10.3390/educsci11050237>

Sternberg, R. J., **Chowkase, A. A.**, Desmet, O. A., Karami, S., Landy, J., & Lu, J. (2021). Beyond transformational giftedness. *Education Sciences*, 11(5), 192.
<https://doi.org/10.3390/educsci11050192>

Chowkase, A. A., & Lee, H. (2020). Bibliographic analysis of the U.S. and Korean studies on twice-exceptional (2e) students and a case study of a 2e learner. *Journal of Special & Gifted Education*, 7(2), 13–38. <https://doi.org/10.33125/kdps.2020.7.2.2>

Chowkase, A. A. (2015). Study of the textbook development process in Maharashtra and the transaction of contents in schools. *Students' Journal of Education and Development*, 2, 3–25.

Chowkase, A. A. (2015). Book review: Political agenda of education: A study of colonialist and nationalist ideas. New Delhi: Sage. *Students' Journal of Education and Development*, 2, 81–85.

BOOKS (4)

Ponkshe, V. D., Nitsure, N. V., **Chowkase, A. A.**, & Kulkarni, P. D. (Eds.). (2020). *Learning to explore: Project by project*. Jnana Prabodhini Educational Activity Research Centre.

Chowkase, A. A. (Ed.). (2018). *Nurturing talents: Enhancing potentials of high ability students*. Jnana Prabodhini Samshodhan Sanstha.

Chowkase, A. A., & Paranjpe, A. (Eds.). (2009). *Prajna bodh 5: Mental ability test*. Jnana Prabodhini.

Chowkase, A. A., & Paranjpe, A. (Eds.). (2008). *Prajna bodh 4: Mental ability test*. Jnana Prabodhini.

BOOK CHAPTERS (6)

Kulkarni, S., Ponkshe, A., **Chowkase, A. A.**, & Phalke, A. (2024). Nurturing critical thinking mindsets of aspiring policymakers and opinion influencers: A practitioner's perspective. In R. J. Sternberg & W. Niu (Eds.), *A multidisciplinary approach to critical thinking* [in press]. Palgrave-Macmillan.

Sternberg, R. J, Desmet, O., & **Chowkase, A. A.** (2024). Transactional and transformational giftedness: How gifted individuals deploy their gifts, for better or worse. In L. Shavinina (Ed.), *International handbook on giftedness* [in press]. Springer.

Chowkase, A. A., Datar, K., & Dedhe, A. (2024). Concerned creativity to counteract concerning creativity. In R. J. Sternberg & S. Karami (Eds.), *Transformational creativity: Learning for a better future* (pp. 73–88). Palgrave-Macmillan. https://doi.org/10.1007/978-3-031-51590-3_6

Chowkase, A. A., & Watve, S. (2022). From I to we: The three C's conception of gifted education. In R. J. Sternberg, D. Ambrose, & S. Karami (Eds.), *The Palgrave handbook of transformational giftedness for education* (pp. 61–85). Palgrave-Macmillan. https://doi.org/10.1007/978-3-030-91618-3_4

Chowkase, A. A. (2021). अभ्यास देशस्थितीचा समतोल चालो [Know your society through study tours]. In N. V. Nitsure (Ed.), ज्ञान प्रबोधिनी: एक अभिनव शैक्षणिक प्रयोग – खंड ४ भाग ४: संघटन [Jnana Prabodhini: A new experiment in education - Vol. 4. Issue 4: Organization] (pp. 14–22). Jnana Prabodhini.

Chowkase, A. A., & Lunkad, M. A. (2020). Unlocking potential in the time of COVID-19: How a group of schools in India kept learning uninterrupted during lockdown. In K. J. Fasching-Varner, S. T. Bickmore, D. G. Hays, P. G. Schrader, D. L. Carlson, & D. Anagnostopoulos (Eds.), *The corona chronicles: On leadership, processes, commitments, and hope in uncertain times* (pp. 133–141). DIO Press.

EDITOR-REVIEWED PUBLICATIONS (11)

- Chowkase, A.** (2025, January 22). *What if SEL were about making the world a better place?* Greater Good Magazine.
https://greatergood.berkeley.edu/article/item/what_if_sel_were_about_making_the_world_a_better_place
- Chowkase, A.** (2024, September). *Mindshifts: An intellectual humility reflection tool.* Greater Good in Action. <https://ggie.berkeley.edu/practice/mindshifts-an-intellectual-humility-reflection-tool/>
- Smith, J. A., Stewart, C. P., Abdullah, M., **Chowkase, A.**, & Cuervo, C. (2024, October 3). *Ten TV series that highlight the best in humanity:2024.* Greater Good Magazine.
https://greatergood.berkeley.edu/article/item/ten_more_tv_series_that_highlight_the_best_in_humainty
- Chowkase, A.** (2024, August). *Asking powerful questions.* Greater Good in Action.
<https://ggie.berkeley.edu/practice/asking-powerful-questions/>
- Chowkase, A.** (2024, August). *Practicing shallow vs. deep curiosity.* Greater Good in Action.
<https://ggie.berkeley.edu/practice/practicing-shallow-vs-deep-curiosity/>
- Desmet, O. A., **Chowkase, A. A.**, & Graham, K. E. (2023). Gifted and talented learned from the pandemic educators. *Teaching for High Potential, August Issue*, 12-14.
- Smith, J. A., Suttie, J., Abdullah, M., **Chowkase, A.**, & Santos, A. (2023, March 22). *Twelve new films that highlight the best in humanity.* Greater Good Magazine.
https://greatergood.berkeley.edu/article/item/twelve_new_films_that_highlight_the_best_in_humainty
- Chowkase, A. A.** (2023). संवेदना - भाग 2 [Concern for others – Part 2]. ई-प्रशिक्षक [e-Trainer], 10(2). 9-16. <https://online.fliphtml5.com/bexdc/cbgr>
- Chowkase, A. A.** (2023). संवेदना - भाग 1 [Concern for others – Part 1]. ई-प्रशिक्षक [e-Trainer], 10(1). 3-5. <https://online.fliphtml5.com/bexdc/xbxt>
- Chowkase, A. A.** (2022, February 4). *Becoming exceptional with three simple things.* The Genwise Newsletter. <https://genwise.substack.com/p/becoming-exceptional-with-three-simple>

Chowkase, A. A. (2015). Explore own giftedness. *Chhatra Prabodhan [Diwali issue]*. 77-80.

POLICY & OTHER REPORTS (9)

Jnana Prabodhini Foundation. (2024). *Politics, Pune-kars, and perceptions: Preliminary findings of a democracy-related Knowledge, Attitudes, Practices, and Wisdom survey*.
https://www.jnanaprabodhinifoundation.org/_files/ugd/04eac0_878dd5b9debe4763af5c3f62f9313af1.pdf [Co-Led the project/report with Abhishek Dedhe]

Briscoe-Smith, A., **Chowkase, A. A.**, Sgambati, T., & Dao, M. (2024). *Connecting Californians through service*. UC Berkeley Greater Good Science Center.
<https://tinyurl.com/CVgrantreport>

Jnana Prabodhini Foundation. (2022). *Estimating excess deaths during the COVID-19 pandemic in Pune, India*.
https://www.jnanaprabodhinifoundation.org/_files/ugd/04eac0_0e6933d87cb94aa6a419edec25fb6078.pdf [Advisor to the project/report]

Jnana Prabodhini Foundation. (2021). *Pandemic, Pune-kars, and perceptions: Preliminary findings of a COVID-19-related Knowledge, Attitudes, Practices, and Wisdom survey*.
<https://www.jnanaprabodhinifoundation.org/covidsurvey-results> [Co-Led the project/report with Abhishek Dedhe]

Chowkase, A. A. (2021). *Summer residential program at Purdue University: A report of students' experiences*. Purdue University Gifted Education Research and Resource Institute.

Chowkase, A. A., & Kanhere, I. (2020). *Recommendations to the Ministry of Education on nurturing giftedness in children guiding framework*. [Policy document]. Jnana Prabodhini.

Chowkase, A. A. (2019). *Summer residential program at Purdue University: A report of students' experiences*. Purdue University Gifted Education Research and Resource Institute.

Chowkase, A. A. (2018). *Summer residential program at Purdue University: A report of students' experiences*. Purdue University Gifted Education Research and Resource Institute.

Bapat, G. S., **Chowkase, A. A.**, & Nitsure, N. V. (2017). *Recommendations for a policy on*

education of high-ability children and youth as an integral part of a comprehensive National Policy on Education [Policy document]. Jnana Prabodhini.

MANUSCRIPTS IN PREPARATION (9)

Yang, Y., **Chowkase, A. A.**, Seward, K., Tuzgen, A., & Karatas, T. (2024). *Gifted students' learning experiences in an online enrichment program* [Under review].

Chowkase, A. A., Joshi, A., & Lokhande, D. (2024). Cultivating concern: Advancing sustainability through transformational wisdom.

Sgambati, T., **Chowkase, A. A.**, & Dao, M. (2024). Assessing and correcting misperceptions among different racial groups in the United States: An experimental study.

Chowkase, A. A., Datar, K. R., & Pereira, N. (2024). *Validating a scale of concern for others: A cross-country, cross-age validation study*.

Chowkase, A. A., Datar, K. R., Deshpande, A., & Pereira, N. (2024). *Nurturing concern for others in intellectually gifted adolescents: A mixed-methods study*.

Chowkase, A. A., Datar, K. R., Godbole, S., & Keskar, A. (2024). *Cultivating creative self-efficacy and creative mindsets in adolescents: A longitudinal study*.

Chowkase, A. A., Datar, K. R., Deshmukh, S. S., Godbole, S., & Deshpande, A. (2024). *Enhancing leadership potential of adolescents with high intellectual abilities: A longitudinal study of a summer leadership development program*.

Chowkase, A. A., Datar, K. R., & Parra-Martinez, F. A. (2023). *Developing self-regulated learners: A multi-year study of the effectiveness of an intervention for adolescents in a talent development program*.

Ghahremani, M., Pereira, N., Ozen, Z., **Chowkase, A. A.**, & Gentry, M. L. (2021). *Developing the idea-Sketching Early Engineering Design (i-SEED) Scale*.

NATIONAL AND INTERNATIONAL PEER-REFEREED PRESENTATIONS (23)

Datar, K. R., **Chowkase, A. A.**, & Deshmukh, S. (2024, August 17-20). *A mixed-methods evaluation of a leadership development summer program for adolescents with high intellectual abilities* [Paper presentation]. 18th Asia-Pacific Conference on Giftedness, Takamatsu City, Kagawa Prefecture, Japan.

- Chowkase, A. A., Datar, K. R., Deshmukh, S. S., Godbole, S., & Deshpande, A.** (2024, April 11-14). *Enhancing leadership potential of adolescents with high intellectual abilities: A longitudinal study of a summer leadership development program* [Paper presentation]. Annual Meeting of the American Educational Research Association, Philadelphia, PA, United States.
- Chowkase, A. A., Datar, K. R., & Parra-Martinez, F. A.** (2023, April 13-16). *Effects of a self-regulated learning program on self-efficacy, self-control, and causal attributions of intellectually gifted adolescents* [Paper presentation]. Annual Meeting of the American Educational Research Association, Chicago, IL, United States.
<https://doi.org/10.3102/IP.23.2018879>
- Chowkase, A. A., Lolkus, M., & Zhou S.** (2022, April 21-26). *Mathematics teachers' instruction and students' intrinsic motivation: A multilevel model of TIMSS-Advanced 2015 data* [Paper presentation]. Annual Meeting of the American Educational Research Association, San Diego, CA, United States.
- Chowkase, A. A.** (2022, April 21-26). Effective outside-of-school programming for holistic talent development: Myth or a possibility? In T. Schils (Chair), *Special programs for gifted students* [Symposium]. Annual Meeting of the American Educational Research Association, San Diego, CA, United States.
- Chowkase, A. A.** (2021, November 11-14). *Online learning, classroom quality, and student motivation: Perspectives from students, teachers, parents, and program staff* [Paper presentation]. 68th Annual Convention of the National Association for Gifted Children, Denver, CO, United States. **[Best Paper Award]**
- Chowkase, A. A., Pereira, N., & Gentry, M.** (2021, November 11-14). *Introducing a prosocial conception of giftedness: Competence, commitment, and concern* [Paper presentation]. 68th Annual Convention of the National Association for Gifted Children, Denver, CO, United States.
- Chowkase, A. A., Yang, Y., Seward, K., Tuzgen, A., & Karatas, T.** (2021, July 31-August 8). *Gifted students' learning experiences in an online enrichment program* [Paper presentation]. 2021 Virtual World Conference of the World Council for Gifted and Talented Children, Dubai, United Arab Emirates.
- Chowkase, A. A., Desmet, O. A., Datar, K. R., Deshpande, A. A., & Khasnis, S. G.** (2021, April 8-12). *Affective outcomes of a summer talent development program: What do students say?* [Paper presentation]. Annual Meeting of the American Educational Research Association, Orlando, FL, United States. <https://aera21-aera.ipostersessions.com/?s=8E->

[6C-6B-D8-C4-35-4C-1B-D8-B1-2D-F7-8B-06-4C-55](#) [Graduate Student Award from Research on Giftedness, Creativity, and Talent Special Interest Group]

Gray A., **Chowkase, A. A.**, Cress, A., & Gentry, M. (2021, April 8-12). *Does locale matter in gifted identification in the U.S.? Study of access, equity, missingness, and trends* [Paper presentation]. Annual Meeting of the American Educational Research Association, Orlando, FL, United States. <https://aera21-aera.ipostersessions.com/?s=42-AC-FE-A8-B9-00-B6-05-08-6B-A1-18-CA-D7-00-E4>

Ghahremani, M., Pereira, N., Ozen, Z., **Chowkase, A. A.**, & Gentry, M. (2021, April 8-12). *Developing the idea-Sketching Early Engineering Design (i-SEED) Scale* [Paper presentation]. Annual Meeting of the American Educational Research Association, Orlando, FL, United States.

Chowkase, A. A. (2020, November 12-17). *Affective outcomes of a residential summer camp in an outside-of-school talent development program for middle school youth* [Paper presentation]. 67th Annual Convention of the National Association for Gifted Children, Orlando, FL, United States. [Best Paper Award - Second Place]

Chowkase, A. A., Chiang, A., Karatas, T., & Ozen, Z. (2020, November 12-17). *Effective strategies for incorporating higher-order thinking in K-12 classrooms* [Paper presentation]. 67th Annual Convention of the National Association for Gifted Children, Orlando, FL, United States.

Gentry, M., Desmet, O., **Chowkase, A. A.**, & Lee, H. (2020, November 12-17). *Intelligence tests to identify students with gifts and talents: Still perpetuating inequity* [Paper presentation]. 67th Annual Convention of the National Association for Gifted Children, Orlando, FL, United States.

Chowkase, A. A. (2019, November 7-10). *School experiences of students with high ability from rural and tribal India* [Paper presentation]. 66th Annual Convention of the National Association for Gifted Children, Albuquerque, NM, United States. [Best Paper Award]

Chowkase, A. A. (2019, November 7-10). *Developing talents for social change: Translating purpose into practice* [Paper presentation]. 66th Annual Convention of the National Association for Gifted Children, Albuquerque, NM, United States.

Chowkase, A. A. (2019, November 7-10). *Developing “heart powers”: A triadic approach to stimulate affective development* [Paper presentation]. 66th Annual Convention of the National Association for Gifted Children, Albuquerque, NM, United States.

- Tuzgen, A., **Chowkase, A. A.**, Seward, K., & Dennis, A. (2019, November 7-10). *Using MOOCs for in- or out-of-school enrichment* [Paper presentation]. 66th Annual Convention of the National Association for Gifted Children, Albuquerque, NM, United States.
- Deshpande, A. A., Khasnis, S. G., & **Chowkase, A. A.** (2019, April 12-16). *Effect of a residential summer camp on the affective development of high-ability students* [Paper presentation]. Biennial conference of the International Research Association for Talent Development and Excellence (IRATDE), Taipei, Taiwan.
- Khasnis, S. G., Datar, K. R., & **Chowkase, A. A.** (2019, April 12-16). *Use of reading resolution as a motivational strategy to improve reading speed among high-ability students* [Paper presentation]. Biennial conference of the International Research Association for Talent Development and Excellence (IRATDE), Taipei, Taiwan.
- Ranade, S. K., Khasnis, S. G., & **Chowkase, A. A.** (2019, April 12-16). *Effect of integrating parent intervention in a talent development program* [Paper presentation]. Biennial conference of the International Research Association for Talent Development and Excellence (IRATDE), Taipei, Taiwan.
- Datar, K., & **Chowkase, A. A.** (2018, May 16-17). *The need for enrichment programs in enhancing individual potentials: Learning from an out-of-school program for high-ability learners* [Paper presentation]. CBSE Teachers Conference on Education for Sustainable Development, Kochi, KL, India.
- Chowkase, A. A.** (2017, December 22-24). Educating millennials for the future leap emphasizing giftedness. In V. Patwardhan (Chair), *Psycho-educational milieu of millennials* [Symposium]. National Academy of Psychology 27th Annual Conference, Kharagpur, WB, India.

STATE-LEVEL, UNIVERSITY-LEVEL, AND INVITED PRESENTATIONS (7)

- Chowkase, A. A.**, & Gosavi, S. (2020). *Putting learners in the driving seat: A project-based learning approach* [Webinar]. Royal Society of Chemistry and Indian Institute of Science Education and Research. <https://www.youtube.com/watch?v=NbUqvM6XWXE>
- Chowkase, A. A.**, Vaishampayan, M., Banait, O., Rasal, S., Kothale, K., & Bapat, U. A. (2020, June 17). Nurturing talents outside of schools [Conference presentation]. Jnana

Prabodhini Prashala Golden Jubilee Educational Conference, Pune, MH, India.

<https://www.youtube.com/watch?v=XLd29V-T3o>

Chowkase, A. A. (2019, March 26-27). *Using small-group instruction in teaching mathematics to rural students* [Poster presentation]. Annual Graduate Student Education Research Symposium (AGSERS), Purdue University, IN, United States.

Chowkase, A. A., & Watve, S. (2017, December 31). *Development of high abilities* [Conference presentation] ज्ञान प्रबोधिनी शिक्षण चिंतन परिषद [Jnana Prabodhini Education Discourse Conference], Pune, MH, India.

Chowkase, A. A. (2017, February 14). *Gifted children* [Conference presentation]. Arihant College of Education Meeting All Learners' Needs Conference, Pune, MH, India.

Chowkase, A. A., Ingale, P., Hulikavi, I., Karkare, S., Pant, V., Mishra, D. (2014, August 16). *Development of techno-literacy index and its relevance in the information age* [Poster presentation]. Azim Premji Foundation Annual Research Conference, Bengaluru, KA, India.

Chowkase, A. A., & Nitsure, N. (2012, December 24). *Entrepreneurship development of children through continuous sales activities* [Paper presentation]. Jnana Prabodhini National Conference on Man-making Education, Pune, MH, India.

K-12 EDUCATIONAL APPOINTMENTS (3)

Founder and Program Head	07/2017-07/2018
IGNITE <i>Prajna Prabodhan Varg</i> Talent Development Program	
Jnana Prabodhini's Institute of Psychology, Pune, India	

Teacher	07/2008-07/2018
Jnana Prabodhini School, Pune, India	
<ul style="list-style-type: none"> • <i>Courses Taught:</i> Preparatory course in Mental Ability for National Talent Search Examination (Grades: 8, 10) 	

Teacher	07/2007-06/2013
Vidya Vikas Seva Pratishthan Competitive Examination Center, Pune, India	
<ul style="list-style-type: none"> • <i>Courses Taught:</i> Courses in Mental Ability for the state and national level talent search examinations (Grades: 4-10) 	

PROFESSIONAL CERTIFICATIONS (2)

Maharashtra State Teacher Eligibility, India 2017

Eligibility: Middle school grades 6-8, Mathematics and Science

23 out of 5000⁺ candidates qualified

National Eligibility for Assistant Professor, India 2014

Eligibility: Assistant Professor of Education

Less than 1% of candidates qualified

HONORS AND AWARDS (11)

2023	NAGC Research and Evaluation Network Dissertation Award National Association for Gifted Children, USA	
2023	AERA Division H – Research, Evaluation, and Assessment in Schools Outstanding Dissertation Award American Educational Research Association, USA	\$1,000
2022	Carolyn Callahan Doctoral Student Award National Association for Gifted Children, USA	\$200
2021	68th NAGC Convention Graduate Research Award Doctoral completed research – First place; Denver, CO	
2021	American Educational Research Association Graduate Student Award Research on Giftedness, Creativity, and Talent SIG	
2020	67th NAGC Convention Graduate Research Award Doctoral in-progress research – Second place; Orlando, FL	
2019	66th NAGC Convention Graduate Research Award Non-doctoral completed research – First place; Albuquerque, NM	
2013	Yuva Chetana Puraskar [Young Inspiration Award] Vidya Vikas Seva Pratishthan, Pune, India	
2005	National Talent Scholar National Council of Educational Research and Training, New Delhi, India Less than 1% of candidates were awarded.	INR30,000/\$425
2004	Maharashtra State Talent Scholar (State Rank 17) N. Wadia College, Pune, India	

2004 **Maharashtra State Talent Scholar** (State Rank 11)
N. Wadia College, Pune, India

GRANTS AND FELLOWSHIPS (7)

Xlab Research Grant	\$2,500
Experimental Social Science Laboratory, University of California, Berkeley Title: Do Misperceptions Between Racial Groups Act as Barriers to Intergroup Harmony and Allyship? Role: Co-Principal Investigator with Tyrone Sgambati and My Dao (2023-2024)	
Bob Levenson Research Award	\$2,000
Institute of Personality and Social Research, University of California, Berkeley Title: <i>Do misperceptions between racial groups act as barriers to intergroup harmony and allyship?</i> Role: Co-Principal Investigator with Tyrone Sgambati and My Dao (2023-2024)	
Sheldon Zedeck Program for Culture, Behavior, and Management Study Grant	\$3,000
Department of Psychology, University of California, Berkeley Title: <i>Investigating and Correcting Misperceptions Among White and Asian Americans</i> Role: Co-Principal Investigator with Tyrone Sgambati and My Dao (2023-2024)	
Bilsland Dissertation Fellowship	\$55,953
College of Education, Purdue University, IN Title: <i>Nurturing concern for others in adolescents: A study of empathy, compassion, and prosocial behavior</i> (2021-2022) Role: Principal Investigator	
Mensa Foundation Gifted Education Fellowship	\$5,000
Mensa Education and Research Foundation (2020)	
Dean's Doctoral Research Fellowship	\$117,378
College of Education, Purdue University, IN (2018-2021)	
HCL Foundation Grant	\$40,000
HCL India Title: <i>Saksham - Enrichment program of life skills for rural children in the 21st century</i> Role: Concept Developer and Principal Grant Writer (2019-2020)	

TRAVEL AWARDS AND SUPPORT (4)

2021-2022	Dean's Graduate Student Support Award College of Education, Purdue University, IN	\$300
2019	EDST Graduate Student Travel Award Department of Educational Studies, College of Education, Purdue University, IN	\$200
2018-2019	Graduate Student Travel Award College of Education, Purdue University, IN	\$800
2018-2020	Gifted Education Research and Resource Institute Travel Support College of Education, Purdue University, IN	\$2,000

RELATED PROFESSIONAL EXPERIENCE (4)

Program Consultant and Researcher 08/2018-Present
Jnana Prabodhini's Institute of Psychology, Pune, India
Research Area: Talent Development, Social and Emotional Learning

Educational Column Writer 06/2016-06/2018
Sakal Newspapers Ltd. (1.3 million circulation)

- Subjects:* Science for grade 8, Holistic Development for grades 3 to 10

Teacher Trainer and Content Developer 06/2015-07/2018
Jnana Prabodhini's Educational Activity and Resource Center, Pune, India

- Teacher Training:* Gifted Education, Mathematics Education, Science Education, Stimulating Thinking Processes in Classroom
- Content Development for Students:* Mental Ability Test (grades 5-10)
- Online Course Development for teachers and parents:* Identifying and nurturing gifted and talented students
- Teacher Training:* Vivek Inspire Indigenous Talent Development Program

Curriculum Developer 07/2015-06/2016
Maharashtra State Council of Educational Research and Training, Pune, India

- Subject:* Marathi Language Competency as a part of the Diploma in Education program for pre-service teachers

SELECTED SERVICE AND VOLUNTEER WORK (19)

Member, Editorial Reviewer Board <i>Journal of Advanced Academics</i>	12/2023-Present
Member, Project Advisory Committee National Institute of Advanced Studies, Bengaluru, India NIAS Advanced Learning Centre School Partnership Project	04/2023-Present
Member, Diversity, Equity, Inclusion, and Belongingness Committee Greater Good Science Center, University of California, Berkeley, USA	03/2022-Present
Member, Reviewer Board <i>Journal of Intelligence</i>	10/2022-Present
Ad-hoc Journal Reviewer <i>Gifted Education International, Teaching Exceptional Children, Gifted Child Quarterly, Scientific Reports</i>	07/2021-Present
Conference Paper Reviewer Research on Giftedness, Creativity, and Talent SIG, American Educational Research Association	07/2020-Present
Member, Awards Committee National Association for Gifted Children, USA	11/2022-Present
Member, Gifted Connection Mentoring Program Research on Giftedness, Creativity, and Talent SIG, American Educational Research Association	01/2020-04/2021
Member, Awards Committee for Excellence in Research Mensa Education and Research Foundation, USA	06/2019-06/2020
Member, Awards Committee Research on Giftedness, Creativity, and Talent SIG, American Educational Research Association	05/2019-05/2020
Member, International Education Committee College of Education, Purdue University, IN	03/2019-03/2020
Member, Department Head Search Committee Department of Educational Studies, College of Education, Purdue University, IN	08/2019-04/2020
Youth Chapter Head Jnana Praobodhini Youth Wing, Pune, India (Ages: 16-25)	07/2015-06/2018

Member, Journal Editorial Board 07/2014-05/2015
Students' Journal of Education and Development, Azim Premji University, Bengaluru, India

Science Popularization Program Leader 07/2013-05/2015
 Jnana Prabodhini's Educational Activity and Resource Center, Pune, India
 • *Locations*: Jammu and Kashmir, Arunachal Pradesh, Chhattisgarh

Program Office Student Representative (elected) 10/2013-09/2014
 Azim Premji University, Bengaluru, India
 • Represented Master's degree students in the Education Department on academic affairs

Department Head 07/2012-06/2013
 Jnana Prabodhini Youth Wing, Pune, India (Ages: 9-25)

Student Council University Representative 08/2010-05/2011
Member, Executive Committees for Student Events
 Vishwakarma Institute of Technology, Pune, India
 • Represented the college at the university level

Youth Mentor 07/2007-Present
 Jnana Prabodhini, Pune, India
 • Mentoring youth on academic, career-related, and adolescence/adult transition challenges

Youth Chapter Head 07/2007-06/2012
 Jnana Prabodhini Youth Wing, Pune, India (Ages: 9-25)

PROFESSIONAL DEVELOPMENT AND PUBLIC TALKS (Since 2015) (49)

Cultivating compassion for the greater good 10/2024
 Sonoma State University, CA

Survey research using online data collection tools 09/2024
 Cornell University, NY

Kindness in schools: Greater Good Educators summer workshop 07/2024
 Greater Good Science Center, University of California, Berkeley, CA

Confirmatory factor analysis 04/2024

Community for Advanced Methodological Learning at the University of Pittsburgh and Carnegie Mellon University

Digital tools in education 11/2023

Pune Knowledge Cluster, Pune, India

Survey development and intervention research in education and psychology 08/2023

Mississippi State University, MS

Careers in education 07/2023

Jnana Prabodhini Foundation

AI chatbot revolution? What it is, and how it might change higher-ed classrooms? 03/2023

Indian Institute of Science Education and Research, Pune, India

Looking back and beyond the graduate school 03/2023

Purdue University, IN

How can parents help their gifted children develop empathy and compassion? 01/2023

Steunpunt Onderpresteren, Ostend, Belgium

Cultivating concern for others in adolescents: A conversation with parents 01/2023

Jnana Prabodhini School, Pune, India

How can school psychologists help children become self-regulated learners? 01/2023

Jnana Prabodhini's Institute of Psychology, Pune, India

Nurturing concern for others in children: A conversation with school psychologists 01/2023

Jnana Prabodhini's Institute of Psychology, Pune, India

Artificial Intelligence and education: How chatGPT might change schools? 12/2022

Jnana Prabodhini School, Pune, India

Emotional intelligence for emergent social leaders 12/2022

Jnana Prabodhini Leadership Development Cell, Pune, India

Aspiring administrative leaders and emotional development 12/2022

Jnana Prabodhini Leadership Development Cell, Pune, India

Artificial Intelligence and education: How chatGPT might change schools? 12/2022

Jnana Prabodhini School, Pune, India

Advances an excitement in educational psychology Bates College, Lewiston, ME	12/2022
Research advances in acceleration Jnana Prabodhini's Institute of Psychology, Pune, India	02/2022
Research advances in enrichment Jnana Prabodhini's Institute of Psychology, Pune, India	02/2022
How can parents help their children develop empathy and compassion? Gifted Education Research and Resource Institute, Purdue University, IN	02/2022
Intellectual development for holistic personality development Jnana Prabodhini Foundation, USA (UAE Chapter)	01/2022
Trends and issues in gifted education Jnana Prabodhini School, Pune, India	11/2021
Talent development: Framework to practice Valdosta State University, Valdosta, GA	10/2021
Sternberg explained! Jnana Prabodhini's Institute of Psychology, Pune, India	10/2021
Intelligence to giftedness: Past, present, and future Jnana Prabodhini's Institute of Psychology, Pune, India	10/2021
Nurturing high-ability learners: What can schools offer? Jnana Prabodhini Educational Resource and Activity Center, Pune, India	07/2021
Intellectual development for holistic personality development Jnana Prabodhini (Samvadini Department), Pune, India	05/2021
Career guidance and mentoring for fresh engineering graduates Vishwakarma Institute of Technology, Pune, India	05/2021
A multicultural perspective on studying creativity Johns Hopkins University, Baltimore, MD	03/2021
Nurturing empathy in young children Gifted Education Research and Resource Institute, Purdue University, IN	03/2021

Stimulating higher-order thinking at home	10/2020
Gifted Education Research and Resource Institute, Purdue University, IN	
Education during COVID-19	06/2020
Jnana Prabodhini School, Pune, India	
Incorporating higher-order thinking in classrooms	01/2020
Gifted Education Research and Resource Institute, Purdue University, IN	
Talent development framework for school education	01/2020
Arihant College of Education, Pune, India	
Talent development framework and research methodology	12/2019
Jnana Prabodhini's Institute of Psychology, Pune, India	
Talent development and educational implications	10/2019
College of Education, Purdue University, IN	
Designing enrichment activities for summer programs	05/2019
Gifted Education Research and Resource Institute, Purdue University, IN	
Differentiation and cluster grouping	02/2019
Carroll Consolidated School Corporation, IN	
Enrichment and accelerative practices in gifted education	12/2018
Jnana Prabodhini's Institute of Psychology, Pune, India	
Affective curriculum development and implementation	09/2018
Jnana Prabodhini's Institute of Psychology, Pune, India	
Nurturing talents: Enhancing potentials of high-ability children	06/2017
Acharya Shree Vijay Vallabh School, India	
Educating gifted children and teachers' self-image	06/2017
St. Francis De Sales High School, Pune, India	
Nurturing talents: Enhancing potentials of high-ability children	06/2017
SPM English Medium School, Pune, India	
Nurturing talents: Enhancing potentials of high-ability children	04/2017
Deccan Education Society, Pune, India	

Nurturing talents: Enhancing potentials of high-ability children 02/2017
Jnana Prabodhini's Institute of Psychology, Pune, India

Adolescent psychology 07/2016
Arihant College of Arts, Science, and Commerce, Pune, India

Structure of intelligence and its educational implications 06/2016
Chaturanga Pratishthan, Chiplun, India

Teaching environmental science for primary grades 06/2015
Deccan Education Society, Pune, India

MEMBERSHIP IN ACADEMIC, PROFESSIONAL, AND SCHOLARLY SOCIETIES (6)

American Psychological Association 2023-Present

- Division 15 Educational Psychology
- Division 08 Society for Personality and Social Psychology

World Council for Gifted and Talented Children 2021-2023

[Jnana Prabodhini Foundation](#), USA (A 501(c)(3) Non-Profit Organization) 2019-Present
Founder, Executive Committee Member, and Communications Head

- Leading global communications, networking, and organization fronts on four continents

American Educational Research Association 2018-Present

- Divisions: Division B - Curriculum Studies, Division H - Research, Evaluation, and Assessment in Schools
- SIG: Research on Giftedness, Creativity, and Talent, Studying and Self-Regulated Learning

National Association for Gifted Children 2018-Present

- Networks: Research & Evaluation, Curriculum Studies, Special Schools & Programs
- SIG: Assessment of Giftedness, Gifted Racial Accountability & Commitment to Equity, Rural Gifted Education

Jnana Prabodhini, Pune, India (A Non-Profit Organization)

Extended Core Executive Committee (Represented the education division) 2015-2018

Extended Core Executive Committee (Represented the youth organization division) 2012-2013

RESEARCH, TEACHING, & PROFESSIONAL COMPETENCIES

Core competencies: Mixed-methods research and Intervention research; Project management (end-to-end); Academic writing; Creativity; Mentoring, Communicating science to diverse audiences, and public speaking; Research to policy innovations; Research ethics.

Methodological: *Quantitative* – Experiments, surveys, and large-scale datasets. *Qualitative* – Interviews, surveys, and observations. *Conceptual* – Model development and empirical validation.

Analytics: *Quantitative* – Descriptive and inferential, parametric and non-parametric, univariate and multivariate analysis (SPSS or R); Regression; SEM; Multi-level modeling; Data visualization. *Qualitative* – Thematic analysis and descriptive-interpretive analysis.

Technical: Qualtrics, SPSS, QSR NVivo, R-Studio/R, Stata (basic), Microsoft Office Suite, Google Suite.

Teaching: Course design; Curriculum development; In-person, hybrid, and online teaching; Team-teaching; Teaching lower and upper-level courses, and introductory, topics-based, theory and methods courses; Teacher training.

Interpersonal: Collaborative research; Demonstrated success as a leader and colleague in multi-cultural, cross-functional teams; Networking; Native proficiency in English, Hindi, and Marathi.

WEBSITE, PODCAST, & BLOG

Website: <https://aakashchowkase.com>

- I write about my educational experiments and research.

Podcast: Academia with Ashutosh and Aakash

<https://www.youtube.com/@academiawithaa>

- A conversational channel dedicated to academia and higher education.

Blog: Babbuchi BaDBaD

<https://aakashchowkase.blogspot.com/>

- I write on the topics of education, mental health, travel, and social issues.

ACADEMIC REFERENCES

Dr. Nielsen Pereira Associate Professor, Department of Educational Studies College of Education Purdue University	<u>Office Address:</u> Beering Hall 100 N. University Street Room 3158 West Lafayette, IN 47907	<u>Contact:</u> npereira@purdue.edu (773) 383-3730
Dr. Robert Sternberg Professor, Department of Psychology College of Human Ecology Cornell University	<u>Office Address:</u> Martha Van Rensselaer Hall MVR G101 Ithaca, NY 14853	<u>Contact:</u> rjs487@cornell.edu (607) 882-0001
Dr. Dacher Keltner Professor, Department of Psychology University of California, Berkeley	<u>Office Address:</u> 2121 Berkeley Way Room 3422 Berkeley, CA 94720	<u>Contact:</u> keltner@berkeley.edu (510) 725-1245
Dr. Stephanie Masta Associate Professor, Department of Curriculum & Instruction College of Education Purdue University	<u>Office Address:</u> Beering Hall 100 N. University Street Room 4154 West Lafayette, IN 47907	<u>Contact:</u> szywicki@purdue.edu (641) 821-0017